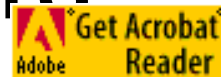


United States Department of Agriculture  
**National Agricultural Statistics Service**  
**Kentucky Field Office**

Kentucky Agricultural Statistics 2004 - 2005 Bulletin

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## ***DIRECTOR'S NOTE***

We are pleased to present the 2004-2005 edition of the *Kentucky Agricultural Statistics*. This publication represents a cooperative effort between USDA's National Agricultural Statistics Service, Kentucky Field Office, and the Kentucky Department of Agriculture and contains current statistics for Kentucky's agricultural industry.

The voluntary cooperation of thousands of farmers and agri-businesses, and the dedicated efforts of the Kentucky Field Office staff in compiling the collected data, are essential for us to maintain reliable facts on the changing face of Kentucky agriculture. These statistics will play a vital role in the evaluation of the impact of the tobacco buy-out legislation to Kentucky agriculture and will help measure the success of the Commonwealth's efforts to diversify from tobacco.

A special thanks also goes to the dedicated staff of field and telephone enumerators who have spent many hours collecting data. These enumerators are our goodwill ambassadors to Kentucky's agricultural community.

This book is only one of many ways to receive statistical reports on Kentucky agriculture. Please visit our website at [www.nass.usda.gov/ky](http://www.nass.usda.gov/ky) and view all our reports there. Reports can be delivered free to your e-mail address, or hardcopy reports are available for a small fee.

Please contact us anytime with your questions, comments and requests for information. The staff of the Kentucky Field Office is dedicated to serving the agricultural data needs of all users.

Leland E. Brown  
Director  
Kentucky Field Office  
National Agricultural Statistics Service

# GENERAL Information

- Farm Numbers
- Farm Real Estate
- Farm Employment and Wage Rates
- 2002 Census of Agriculture
- Population By County

## NUMBER OF FARMS, AVERAGE SIZE OF FARM, AND LAND IN FARMS, KENTUCKY, 1975-2004

YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS	YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS
	1,000	ACRES	1,000 ACRES		1,000	ACRES	1,000 ACRES
1975	107	138	14,800	1990	93	152	14,100
1976	106	139	14,700	1991	91	155	14,100
1977	105	140	14,700	1992	91	155	14,100
1978	104	142	14,800	1993	95	148	14,100
1979	103	143	14,700	1994	94	150	14,100
1980	102	143	14,600	1995	93	151	14,000
1981	103	142	14,600	1996	92	152	14,000
1982	103	141	14,500	1997	91	153	13,900
1983	103	141	14,500	1998	90	153	13,800
1984	101	144	14,500	1999	91	149	13,600
1985	100	145	14,500	2000	90	152	13,700
1986	99	146	14,500	2001	88	157	13,800
1987	99	145	14,400	2002	87	159	13,800
1988	97	147	14,300	2003	87	159	13,800
1989	95	149	14,200	2004	85	162	13,800

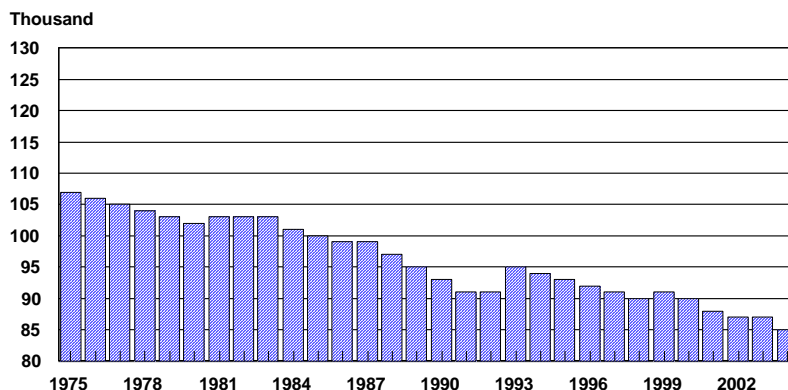
## NUMBER AND AVERAGE SIZE OF FARMS, BY SALES CLASS, KENTUCKY, 1999-2004

YEAR	\$1,000-9,999		\$10,000-99,999		\$100,000+	
	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)
1999	52,000	77	33,000	173	6,000	650
2000	51,000	78	33,000	170	6,000	683
2001	54,000	81	28,000	186	6,000	700
2002	56,500	81	25,000	204	5,500	745
2003	56,500	81	25,000	204	5,500	745
2004	54,500	83	24,800	206	5,700	737

## NUMBER OF LIVESTOCK FARMS, KENTUCKY, 1999-2004

ITEM	1999	2000	2001	2002	2003	2004
ALL CATTLE	48,000	48,000	47,000	47,000	46,000	45,000
BEEF COWS	41,000	40,000	39,000	40,000	39,000	38,000
MILK COWS	3,200	3,000	2,900	2,600	2,500	2,300
HOGS	1,400	1,300	1,300	1,200	1,000	1,000
SHEEP & LAMBS	NA	NA	NA	NA	1,200	1,100

## NUMBER OF FARMS, KENTUCKY, 1975-2004



### NUMBER OF FARMS, AVERAGE SIZE OF FARM, AND LAND IN FARMS, UNITED STATES, 1975-2004

YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS	YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS
	1,000	ACRES	1,000 ACRES		1,000	ACRES	1,000 ACRES
1975	2,521	420	1,059,420	1990	2,146	460	986,850
1976	2,497	422	1,054,075	1991	2,117	464	981,736
1977	2,456	427	1,047,785	1992	2,108	464	978,503
1978	2,436	429	1,044,790	1993	2,202	440	968,845
1979	2,437	428	1,042,015	1994	2,198	440	965,935
1980	2,440	426	1,038,885	1995	2,196	438	962,515
1981	2,440	424	1,034,190	1996	2,191	438	958,675
1982	2,407	427	1,027,795	1997	2,191	436	956,010
1983	2,379	430	1,023,425	1998	2,192	434	952,080
1984	2,334	436	1,017,803	1999	2,187	434	948,460
1985	2,293	441	1,012,073	2000	2,167	436	945,080
1986	2,250	447	1,005,333	2001	2,149	438	942,070
1987	2,213	451	998,923	2002	2,135	440	940,300
1988	2,201	452	994,423	2003 <sup>1/</sup>	2,127	441	938,650
1989	2,175	456	990,723	2004	2,113	443	936,600

<sup>1/</sup>REVISED.

### NUMBER AND AVERAGE SIZE OF FARMS, BY SALES CLASS, UNITED STATES, 1999-2004

YEAR	\$1,000-9,999		\$10,000-99,999		\$100,000+	
	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)
1999	1,187,390	109	648,710	436	351,180	1,527
2000	1,183,480	108	638,380	437	344,920	1,558
2001	1,189,920	107	621,490	442	337,220	1,602
2002	1,201,840	105	604,570	449	328,950	1,649
2003 <sup>1/</sup>	1,199,270	104	600,540	450	327,050	1,663
2004	1,180,560	102	599,170	445	333,740	1,646

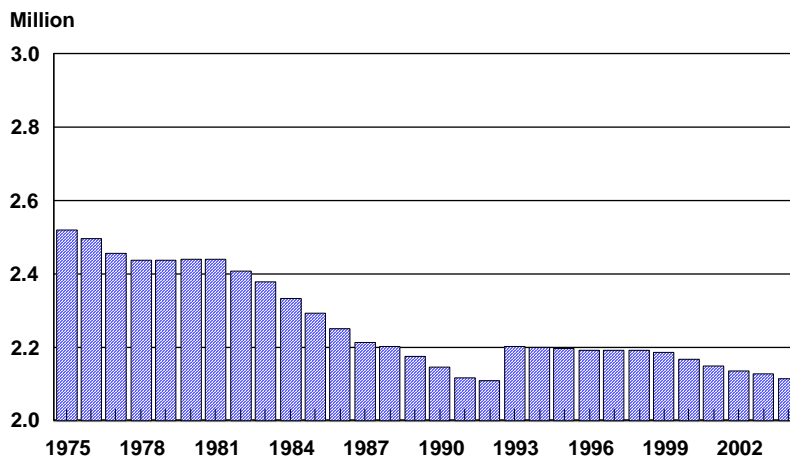
<sup>1/</sup>REVISED.

### NUMBER OF LIVESTOCK FARMS, UNITED STATES, 1999-2004

ITEM	1999	2000	2001	2002	2003 <sup>1/</sup>	2004
	1,000					
ALL CATTLE	1.095.6	1.076.4	1.049.2	1.036.4	1.013.6	989.5
BEEF COWS	844.2	831.3	814.5	808.1	792.1	774.6
MILK COWS	110.9	105.1	97.5	91.2	86.4	81.4
HOGS	99.6	87.5	81.2	76.3	73.7	69.4
SHEEP & LAMBS	70.0	69.2	68.6	68.2	67.7	67.2

<sup>1/</sup>REVISED.

### NUMBER OF FARMS, UNITED STATES, 1975-2004



## FARM REAL ESTATE

### AVERAGE VALUE OF FARMLAND AND BUILDINGS DOLLARS PER ACRE, JAN. 1, 1990 – 2005

State	1990	1995	2000	2001	2002	2003	2004	2005
Illinois	1,405	1,820	2,260	2,290	2,350	2,430	2,610	2,900
Indiana	1,254	1,620	2,260	2,350	2,460	2,570	2,770	3,050
<b>KENTUCKY</b>	<b>978</b>	<b>1,250</b>	<b>1,650</b>	<b>1,750</b>	<b>1,830</b>	<b>1,900</b>	<b>2,000</b>	<b>2,200</b>
Missouri	701	880	1,230	1,300	1,380	1,470	1,580	1,740
Ohio	1,273	1,750	2,330	2,470	2,600	2,740	2,930	3,180
Tennessee	1,067	1,340	2,100	2,200	2,300	2,400	2,500	2,700
Virginia	1,665	1,720	2,230	2,380	2,530	2,700	3,200 <sup>1/</sup>	3,900
W. Virginia	664	920	1,210	1,270	1,330	1,400	1,500	1,600
48 STATES	683	844	1,090	1,150	1,210	1,270	1,360	1,510

### CROPLAND RENTED FOR CASH AVERAGE GROSS CASH RENT, DOLLARS PER ACRE, 1990 – 2005

State	1990	1995 <sup>2/</sup>	2000	2001	2002	2003	2004	2005
Illinois	99.70	99.70	119.00	119.00	122.00	123.00	126.00	129.00
Indiana	88.40	88.40	100.00	100.00	101.00	103.00	107.00	109.00
<b>KENTUCKY</b>	<b>52.80</b>	<b>52.80</b>	<b>74.00</b>	<b>72.00</b>	<b>68.00</b>	<b>70.00</b>	<b>72.00</b>	<b>73.00</b>
Missouri	51.10	51.10	62.00	65.00	66.00	70.00	76.00	79.00
Ohio	67.10	67.10	74.00	76.50	77.00	78.00	80.00	82.00
Tennessee	43.00	43.00	60.00	59.50	60.50	62.00	67.00	67.00
Virginia	35.70	35.70	36.50	36.50	36.00	36.50	39.00	40.00
W. Virginia	30.00	30.00	26.00	26.00	27.00	28.00	30.00	28.00
48 STATES	-	-	70.00	71.00	71.60	73.00	76.50	78.00

### PASTURE RENTED FOR CASH AVERAGE GROSS CASH RENT, DOLLARS PER ACRE, 1990 – 2005

State	1990	1995 <sup>2/</sup>	2000	2001	2002	2003	2004	2005
Illinois	33.20	27.65	33.00	33.00	32.00	32.50	34.00	34.50
Indiana	35.30	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
<b>KENTUCKY</b>	<b>24.90</b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>
Missouri	24.10	16.40	20.00	22.50	23.00	23.50	26.00	27.00
Ohio	28.80	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
Tennessee	26.90	14.30	18.00	18.00	17.00	17.50	19.00	18.00
Virginia	22.40	14.00	16.00	16.50	16.00	16.50	17.50	20.00
W. Virginia	11.50	14.00	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
48 STATES	-	-	8.50	9.20	9.20	9.00	9.60	10.30

<sup>1/</sup>Revised. <sup>2/</sup>Change in survey procedures. <sup>3/</sup>Insufficient information.



## FARM EMPLOYMENT AND WAGE RATES APRIL 2004 - APRIL 2005

FARM EMPLOYMENT	APPALACHIAN II <sup>1/</sup>					UNITED STATES <sup>2/</sup>				
	Apr. 2004	July 2004	Oct. 2004	Jan. 2005	Apr. 2005	Apr. 2004 <sup>6/</sup>	July 2004	Oct. 2004	Jan. 2005	Apr. 2005
	(1,000)					(1,000)				
Hired Workers:	35	33	38	28	32	827	961	851	589	746
Expected to be Employed:										
150 days or more	23	14	18	19	24	651	637	606	494	596
149 days or less	12	19	20	9	8	176	324	245	95	150
Agricultural Services:										
Workers Working on Farms	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	257	343	324	185	232
Hired Farm & Service Workers	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	1,084	1,304	1,175	774	978
Hours Worked:	(Hours Per Week)					(Hours Per Week)				
Hired Workers	36.2	27.9	34.5	30.0	34.7	40.6	39.2	40.5	37.0	39.8
Wage Rates:	(Dollars Per Hour)					(Dollars Per Hour)				
For All Hired Workers <sup>4/ 5/</sup>	9.06	8.16	8.14	9.02	8.59	9.23	9.04	9.32	9.78	9.34
Type of Worker:										
Field and Livestock Combined	8.55	7.84	7.70	8.25	8.08	8.59	8.43	8.69	8.90	8.73
Field	8.48	7.63	7.75	8.46	8.38	8.47	8.34	8.62	8.71	8.55
Livestock	8.62	8.40	7.56	8.04	7.69	8.95	8.74	8.91	9.20	9.23

<sup>1/</sup>Appalachian II includes Kentucky, Tennessee and West Virginia. <sup>2/</sup>Excludes Alaska. <sup>3/</sup>Insufficient data for this category. <sup>4/</sup>Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates. <sup>5/</sup>Excludes Agricultural Service Workers. <sup>6/</sup>Revised.

## HIRED WORKERS: ANNUAL AVERAGE WAGE RATES SELECTED STATES AND U.S., 2003 - 2004 <sup>1/ 2/</sup>

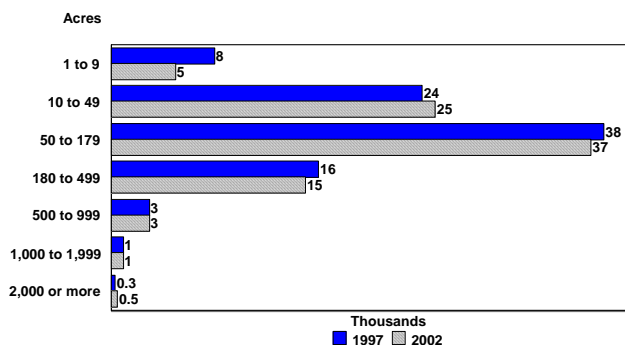
STATE	ALL HIRED		FIELD		FIELD & LIVESTOCK	
	2003	2004	2003	2004	2003	2004
Dollars Per Hour						
Illinois	9.88	10.21	9.04	9.26	9.27	9.34
Indiana	9.73	9.31	8.95	8.69	9.00	8.59
<b>Kentucky</b>	<b>8.03</b>	<b>8.79</b>	<b>7.37</b>	<b>8.07</b>	<b>7.67</b>	<b>8.26</b>
Missouri	9.11	9.29	8.67	9.01	8.70	8.95
Ohio	9.14	9.95	8.58	9.42	8.66	9.47
Tennessee	8.01	8.47	7.63	8.06	7.63	8.06
Virginia	8.98	9.32	8.42	8.52	8.33	8.49
West Virginia	7.77	8.32	7.99	7.68	7.41	8.08
UNITED STATES <sup>3/</sup>	9.08	9.22	8.31	8.45	8.42	8.55

<sup>1/</sup>Excludes Agricultural Service Workers. <sup>2/</sup>Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States and the U.S. is based on data collected for January, April, July and October. <sup>3/</sup>Excludes Alaska.

# KENTUCKY CENSUS OF AGRICULTURE HIGHLIGHTS, 1974 – 2002

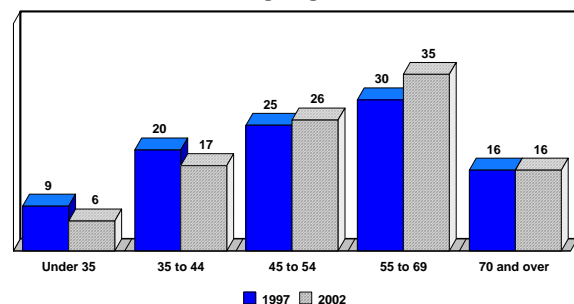
All farms	2002	1997	Not adjusted for coverage					
			1997	1992	1987	1982	1978	1974
Farms..... number	86,541	91,198	82,273	90,281	92,453	101,642	102,263	102,053
Land in farms .....acres	13,843,706	13,940,180	13,334,234	13,665,798	14,012,700	14,179,284	14,606,168	14,431,713
Average size of farm .....acres	160	153	162	151	152	140	143	141
Estimated market value of land and buildings 1/:								
Average per farm .....dollars	294,056	222,914	230,274	163,660	135,696	144,427	124,233	60,344
Average per acre.....dollars	1,824	1,470	1,450	1,077	896	1,049	861	427
Estimated market value of all machinery and equipment 1/ .....\$1,000	3,495,669	2,972,739	2,741,593	2,244,930	2,091,558	2,233,182	1,889,439	1,102,882
Average per farm .....dollars	41,458	32,604	33,327	24,918	22,670	22,001	18,516	12,156
Farms by size:								
1 to 9 acres .....	5,342	8,261	7,114	10,402	10,648	13,248	11,576	9,360
10 to 49 acres .....	24,758	24,285	20,754	21,911	20,707	23,654	21,652	20,945
50 to 179 acres .....	36,628	37,646	33,992	36,515	38,261	41,739	44,837	48,047
180 to 499 acres .....	14,950	16,110	15,522	16,586	17,920	18,352	19,660	19,624
500 to 999 acres .....	3,175	3,374	3,399	3,468	3,618	3,527	3,564	3,171
1,000 to 1,999 acres .....	1,214	1,131	1,104	1,066	1,052	904	799	747
2,000 acres or more .....	474	391	388	333	247	218	175	159
Total cropland .....farms	80,927	85,247	77,784	86,345	88,664	98,331	99,347	99,168
.....acres	8,412,354	8,887,861	8,549,027	8,880,989	8,900,086	8,960,250	9,297,858	8,803,159
Harvested cropland .....farms	65,815	74,360	68,953	79,590	83,097	93,082	94,497	92,468
.....acres	4,978,994	4,853,500	4,678,622	4,417,651	4,250,284	4,835,631	4,511,837	3,700,920
Irrigated land .....farms	3,606	4,233	4,104	2,120	3,733	2,815	2,137	1,910
.....acres	36,751	60,027	58,490	27,647	37,693	22,707	13,770	10,920
Market value of agricultural products sold 2/ .....\$1,000	3,080,080	3,158,783	3,064,460	2,663,702	2,075,571	2,376,882	1,812,531	1,251,853
Average per farm .....dollars	35,591	34,637	37,247	29,505	22,450	23,385	17,724	12,267
Crops, including nursery and greenhouse crops .....\$1,000	1,110,209	1,610,935	1,578,861	1,449,823	889,882	1,358,309	948,464	729,747
Livestock, poultry, and their products.....\$1,000	1,969,871	1,547,847	1,485,599	1,213,879	1,185,689	1,018,573	864,066	517,076
Farms by value of sales 3/:								
Less than \$2,500 .....	32,918	24,238	19,143	17,881	24,380	21,706	23,382	34,896
\$2,500 to \$4,999 .....	11,778	13,756	12,566	14,745	16,421	17,829	19,406	19,060
\$5,000 to \$9,999 .....	13,561	15,725	14,393	17,129	17,620	20,020	21,087	19,233
\$10,000 to \$24,999 .....	13,154	17,967	17,388	20,354	18,078	21,479	21,283	(NA)
\$25,000 to \$49,999 .....	6,525	8,993	8,339	9,623	7,880	10,421	9,681	(NA)
\$50,000 to \$99,999 .....	3,486	4,788	4,843	5,519	4,527	6,028	4,760	(NA)
\$100,000 to \$499,999 .....	4,165	4,894	4,773	4,568	3,298	3,904	2,527	1,394
\$500,000 or more .....	954	837	828	462	249	236	103	53
Farms by type of organization:								
Family or individual .....	79,297	79,441	71,307	76,712	78,463	85,808	87,330	(NA)
Partnership.....	5,764	10,004	9,353	12,135	12,717	14,660	13,939	(NA)
Corporation .....	1,119	1,367	1,266	1,064	817	761	725	(NA)
Other-cooperative, estate or trust, institutional, etc.	361	386	347	370	456	413	269	(NA)
Principal operator by days of work off farm 4/ 5/:								
None .....	37,365	31,250	28,911	32,526	32,743	33,928	37,008	32,940
Any .....	49,176	54,653	48,491	51,075	54,464	58,214	59,361	48,105
200 days or more .....	36,532	39,937	35,100	36,497	37,893	38,660	39,568	31,691
Principal operator by primary occupation 5/:								
Farming.....	46,939	36,050	33,841	40,175	41,451	49,062	49,881	58,055
Other.....	39,602	55,148	48,432	50,106	51,002	52,580	52,382	43,510
Average age of principal operator 5/..... years	55.2	53.7	54.0	53.2	52.2	50.5	50.5	52.2

### Farms by Size: 1997 and 2002



### Percent of Farm Operations By Age Group: 1997 and 2002

2002 Average Age: 55 Years

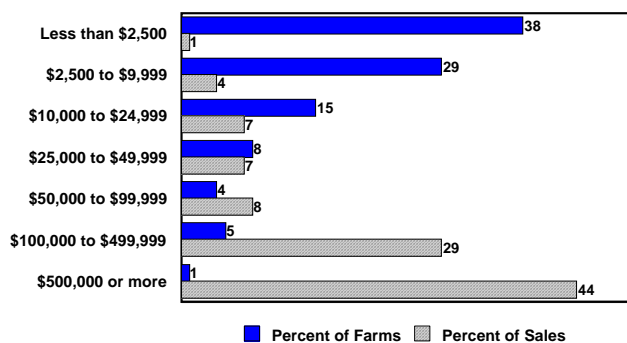


# KENTUCKY CENSUS OF AGRICULTURE HIGHLIGHTS, 1974 – 2002

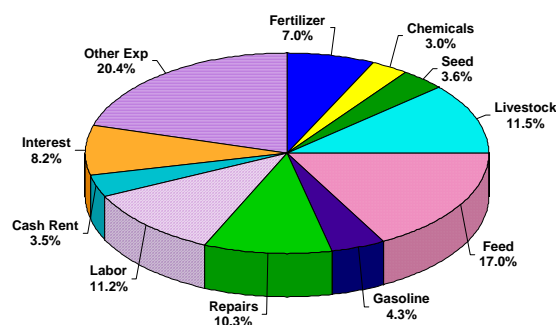
All farms	2002	1997	Not adjusted for coverage					
			1997	1992	1987	1982	1978	1974
Total farm production expenses <u>1/</u> ..... \$1,000	2,604,069	2,169,378	2,033,070	1,828,743	1,485,994	(NA)	(NA)	775,176
Selected farm production expenses <u>1/</u> :								
Livestock and poultry purchased..... \$1,000	298,839	252,155	236,935	240,512	209,357	210,696	158,605	94,465
Feed purchased..... \$1,000	443,883	380,109	341,123	246,108	179,713	183,477	165,546	138,264
Fertilizer, lime, and soil conditioners <u>6/</u> <u>7/</u>	180,986	194,933	183,802	176,898	129,356	135,693	124,760	97,074
Gasoline, fuels, and oils..... \$1,000	111,695	112,035	105,514	105,188	86,777	134,504	80,659	49,167
Hired farm labor..... \$1,000	291,881	217,594	209,578	202,545	158,130	166,518	113,750	61,756
Interest expense <u>8/</u> ..... \$1,000	212,332	191,439	179,810	173,887	179,409	228,462	(NA)	(NA)
Chemicals <u>6/</u> ..... \$1,000	77,715	89,880	84,326	70,835	53,459	57,066	41,957	20,178
Livestock and poultry:								
Cattle and calves inventory..... farms	47,447	53,500	48,898	52,572	53,626	60,183	61,044	72,044
number	2,395,476	2,476,949	2,428,891	2,503,680	2,343,541	2,524,964	2,449,404	3,033,010
Beef cows..... farms	40,234	44,819	41,171	42,898	41,396	44,844	45,919	51,469
number	1,125,183	1,153,323	1,126,748	1,088,532	967,856	982,794	985,796	1,275,020
Milk cows..... farms	2,939	3,571	3,393	4,984	7,002	10,817	13,226	18,586
number	120,748	145,051	145,557	186,089	224,267	253,852	257,390	269,912
Cattle and calves sold..... farms	40,429	51,217	47,355	50,174	52,210	55,973	59,668	66,819
number	1,291,026	1,430,976	1,388,647	1,277,661	1,305,423	1,221,268	1,463,069	1,215,692
Hogs and pigs inventory..... farms	1,254	2,129	1,881	4,879	8,242	11,436	18,997	20,242
number	385,811	584,632	563,797	782,408	838,452	869,727	1,150,035	898,166
Hogs and pigs sold..... farms	1,220	1,694	1,523	4,345	7,602	9,869	16,932	16,763
number	986,704	1,149,579	1,100,523	1,464,686	1,497,306	1,390,528	1,765,739	1,557,385
Layers 20 weeks old and older inventory..... farms	2,197	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number	4,343,328	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens sold..... farms	669	314	243	110	73	99	117	188
number	271,176.99	111,920.65	91,548,829	27,623,677	2,201,169	2,410,306	2,858,936	4,729,589
Selected crops harvested:								
Corn for grain..... farms	7,446	11,655	11,021	16,945	25,067	31,301	34,612	39,495
acres	1,043,990	1,135,936	1,086,381	1,166,234	1,048,809	1,342,981	1,334,024	975,401
bushels	108,721,04	115,775,86	110,787,02	145,213,53	104,364,88	131,668,79	110,068,93	78,231,852
Wheat for grain, All..... farms	2,145	3,354	3,180	3,881	5,361	7,887	4,578	8,702
acres	318,856	423,877	408,771	326,268	283,742	527,423	168,799	331,421
bushels	16,447,721	22,411,604	21,658,648	16,252,236	12,752,191	19,653,581	5,994,647	10,460,083
Soybeans for beans..... farms	5,645	7,127	6,644	7,185	8,765	12,628	12,265	11,032
acres	1,343,039	1,278,829	1,214,938	1,030,180	1,021,903	1,462,360	1,235,201	874,551
bushels	43,939,662	43,487,052	41,294,246	37,796,827	27,138,451	44,292,449	35,761,994	21,566,582
Tobacco..... farms	29,237	46,850	44,967	59,373	61,962	74,166	73,932	71,037
acres	110,734	250,885	255,053	268,140	175,957	256,619	210,327	179,075
pounds	219,978.92	497,856.26	505,257.58	542,000.40	336,364.30	538,759.89	448,196.16	388,147.70
Forage-land used for all hay and haylage, grass silage, green chop, etc..... farms	50,765	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres	2,362,356	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
tons, dry	5,106,450	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

1/ Data are based on a sample of farms. 2/ Data for 1974 include the value of forest products sold. 3/ Data for 1982 and prior years exclude abnormal farms. 4/ Data for 1997 and prior years do not include imputation for item nonresponse. 5/ Data for 1974 apply only to individual or family operations (sole proprietorships) and partnerships. 6/ Data for 1982 and prior years do not include cost of custom applications; data for chemicals include the cost of lime for 1978 and prior years. 7/ Data for 1997 and prior years exclude cost of lime and manure. 8/ Data for 1982 do not include imputation for item nonresponse.

### Distribution of Farms by Sales: 2002



### 2002 Farm Production Expenses



# KENTUCKY CENSUS OF AGRICULTURE, 1997 & 2002

County	Number of Farms		Average Size of Farm		Average Value of Land and Building per Acre		2002 Operators		
							Principal Occupation		Working 200 or more days off farm
	1997	2002	1997	2002	1997	2002	Farming	Other	
	(Number)		(Acres)		(Dollars)		(Number)		
Adair	1,486	1,395	112	122	1,030	1,784	814	581	576
Allen	1,212	1,191	135	141	1,209	1,789	647	544	517
Anderson	776	748	116	112	2,159	2,407	342	406	400
Ballard	541	486	232	233	1,362	1,695	232	254	229
Barren	2,184	2,021	116	119	1,500	1,609	1,206	815	868
Bath	848	692	151	155	1,051	1,373	401	291	260
Bell	67	63	73	110	1,793	1,326	23	40	34
Boone	783	743	106	101	3,206	3,633	363	380	337
Bourbon	967	913	201	202	2,468	2,664	559	354	331
Boyd	251	274	117	122	1,542	1,446	111	163	144
Boyle	750	715	132	138	1,628	2,136	370	345	328
Bracken	701	639	135	148	1,122	1,534	356	283	290
Breathitt	211	209	229	245	831	923	93	116	72
Breckinridge	1,501	1,443	187	192	1,052	1,507	783	660	593
Bullitt	654	616	94	100	2,919	2,742	322	294	251
Butler	812	729	204	222	958	1,537	345	384	335
Caldwell	700	673	226	219	837	1,156	334	339	272
Calloway	864	819	182	207	1,578	1,862	431	388	354
Campbell	584	581	86	87	2,901	3,836	285	296	277
Carlisle	374	380	262	283	1,041	1,410	206	174	132
Carroll	348	339	176	180	1,282	2,071	166	173	163
Carter	976	925	119	130	819	1,496	456	469	402
Casey	1,444	1,353	136	141	898	1,168	784	569	477
Christian	1,291	1,267	249	270	1,399	1,696	773	494	437
Clark	938	861	160	166	1,991	2,182	492	369	305
Clay	431	386	137	143	966	959	208	178	123
Clinton	699	629	114	114	1,443	1,529	338	291	258
Crittenden	698	698	222	224	781	1,043	357	341	305
Cumberland	563	473	197	189	670	1,038	274	199	167
Daviess	1,161	1,062	225	239	1,664	2,041	603	459	489
Edmonson	792	670	121	140	1,270	1,176	392	278	274
Elliott	480	427	127	131	831	906	201	226	185
Estill	478	457	138	140	1,092	1,112	244	213	197
Fayette	826	738	168	161	4,261	4,589	447	291	246
Fleming	1,202	1,071	159	171	1,055	1,273	661	410	421
Floyd	74	68	121	99	1,099	1,536	26	42	28
Franklin	736	689	116	119	2,311	2,350	320	369	304
Fulton	193	193	526	581	1,276	1,450	123	70	63
Gallatin	274	247	135	152	1,352	2,155	127	120	98
Garrard	952	873	133	137	1,376	1,852	520	353	342
Grant	1,048	1,020	117	114	1,783	2,545	522	498	460
Graves	1,602	1,712	160	175	1,457	1,659	907	805	719
Grayson	1,568	1,650	141	141	1,059	1,378	891	759	725
Green	1,131	1,134	117	119	1,105	1,522	698	436	463
Greenup	817	728	128	142	1,271	1,204	384	344	318
Hancock	494	418	138	165	1,268	1,333	222	196	187
Hardin	1,854	1,732	127	138	1,717	1,895	925	807	766
Harlan	33	23	79	81	1,777	2,249	3	20	20
Harrison	1,168	1,085	149	147	1,444	1,867	623	462	443
Hart	1,450	1,392	130	140	1,105	1,387	793	599	554
Henderson	600	525	346	366	1,605	1,933	272	253	215
Henry	1,022	883	147	160	1,764	2,398	523	360	360
Hickman	350	347	359	361	1,378	1,498	204	143	120
Hopkins	630	678	242	242	1,052	1,301	323	355	294
Jackson	756	727	102	113	982	1,194	357	370	322
Jefferson	565	526	69	78	4,431	4,917	263	263	197
Jessamine	829	770	110	107	2,711	3,699	431	339	333
Johnson	207	195	111	122	1,203	1,522	102	93	82
Kenton	504	495	82	94	2,420	3,775	235	260	229
Knott	27	22	170	204	946	1,599	8	14	7

# KENTUCKY CENSUS OF AGRICULTURE, 1997 & 2002

County	Number of Farms		Average Size of Farm		Average Value of Land and Building per Acre		2002 Operators		
							Principal Occupation		Working 200 or more days off farm
	1997	2002	1997	2002	1997	2002	Farming	Other	
	(Number)		(Acres)		(Dollars)		(Number)		
Knox	366	347	139	119	968	1,545	164	183	117
Larue	896	888	137	151	1,702	1,936	478	410	409
Laurel	1,206	1,137	84	95	2,213	2,305	607	530	457
Lawrence	334	318	158	179	935	910	160	158	116
Lee	179	173	139	136	684	1,139	84	89	86
Leslie	21	20	135	174	617	786	5	15	6
Letcher	38	46	80	62	811	1,038	28	18	26
Lewis	826	733	176	196	761	894	396	337	322
Lincoln	1,375	1,275	127	134	1,205	1,745	742	533	524
Livingston	468	518	266	282	781	1,024	264	254	224
Logan	1,340	1,212	216	228	1,337	1,593	676	536	517
Lyon	282	304	183	186	1,204	1,187	138	166	135
McCracken	536	531	136	161	1,436	1,753	245	286	244
McCreary	129	154	95	97	1,109	2,246	56	98	71
McLean	477	413	302	312	1,738	1,696	265	148	151
Madison	1,565	1,396	143	156	1,832	2,266	757	639	574
Magoffin	412	345	104	132	1,018	1,120	152	193	145
Marion	1,072	1,054	160	162	1,151	1,771	554	500	482
Marshall	799	902	126	134	1,703	1,757	390	512	373
Martin	10	13	246	365	1,147	610	5	8	10
Mason	782	726	165	176	1,373	1,889	443	283	281
Meade	964	955	134	141	1,789	2,068	517	438	446
Menifee	383	334	105	111	938	1,942	161	173	164
Mercer	1,079	1,086	120	123	1,913	2,852	589	497	485
Metcalfe	1,018	950	133	139	1,239	1,594	594	356	400
Monroe	1,066	980	165	166	1,030	1,312	556	424	465
Montgomery	781	676	141	135	1,462	1,912	339	337	296
Morgan	754	804	152	144	617	969	406	398	362
Muhlenberg	635	667	193	207	1,114	1,261	361	306	250
Nelson	1,401	1,407	132	134	1,933	2,154	798	609	679
Nicholas	602	582	176	181	1,053	1,260	345	237	252
Ohio	1,080	1,006	164	166	1,142	1,716	501	505	462
Oldham	449	481	165	130	3,100	4,562	247	234	191
Owen	864	788	178	196	1,192	1,664	406	382	321
Owsley	260	227	121	145	1,169	1,319	116	111	86
Pendleton	911	964	136	137	1,349	1,479	455	509	405
Perry	34	44	213	161	1,020	1,137	18	26	18
Pike	44	45	149	160	923	1,114	25	20	16
Powell	258	239	119	157	1,004	1,813	125	114	109
Pulaski	2,165	1,977	105	117	1,508	1,871	1,144	833	785
Robertson	290	247	166	174	744	1,073	136	111	106
Rockcastle	853	803	115	117	1,124	1,737	461	342	291
Rowan	459	436	99	117	1,175	1,330	222	214	173
Russell	1,041	930	95	105	1,562	1,953	547	383	383
Scott	930	848	159	162	2,340	3,146	498	350	334
Shelby	1,533	1,557	133	130	2,567	3,221	805	752	676
Simpson	659	550	186	233	1,738	2,021	316	234	242
Spencer	646	623	131	124	1,841	2,540	304	319	273
Taylor	1,068	957	107	117	1,398	1,689	505	452	422
Todd	749	676	264	272	1,477	1,734	419	257	264
Trigg	459	425	261	289	1,326	1,476	216	209	177
Trimble	572	562	116	115	1,398	1,510	274	288	274
Union	407	328	552	637	1,463	1,730	198	130	138
Warren	2,048	1,881	131	136	1,856	2,054	1,005	876	842
Washington	1,142	1,119	143	134	1,264	1,776	633	486	501
Wayne	891	860	153	162	883	2,216	495	365	378
Webster	524	595	281	268	1,114	1,410	300	295	249
Whitley	431	530	112	121	1,220	1,530	273	257	233
Wolfe	415	371	141	161	747	1,111	171	200	139
Woodford	743	708	167	174	2,752	3,755	428	280	277
<b>Kentucky</b>	<b>91,198</b>	<b>86,541</b>	<b>153</b>	<b>160</b>	<b>1,470</b>	<b>1,824</b>	<b>46,939</b>	<b>39,602</b>	<b>36,532</b>

# KENTUCKY CENSUS OF AGRICULTURE, 1997 & 2002

County	Market Value of Ag. Products Sold		Market Value of Crops		Market Value of Livestock		Total Production Expenses		Hired Farm Labor
	1997	2002	1997	2002	1997	2002	1997	2002	2002
	(\$1,000)		(\$1,000)		(\$1,000)		(\$1,000)		(Workers)
Adair	29,677	31,288	11,044	6,053	18,633	25,235	20,298	29,917	2,025
Allen	36,017	41,286	8,046	6,217	27,971	35,070	31,864	37,167	938
Anderson	11,809	8,949	6,162	2,831	5,647	6,119	8,151	10,650	565
Ballard	36,147	34,334	22,483	15,357	13,664	18,977	25,647	29,217	326
Barren	60,342	62,794	25,493	16,024	34,849	46,770	42,227	47,554	2,787
Bath	22,478	12,752	14,859	6,167	7,619	6,585	12,786	10,725	1,093
Bell	143	216	36	60	107	155	188	335	23
Boone	16,079	18,148	12,074	11,305	4,005	6,843	12,862	15,423	832
Bourbon	89,539	97,809	27,744	17,566	61,794	80,243	49,460	102,964	2,835
Boyd	2,585	1,258	621	440	1,964	818	2,216	2,226	141
Boyle	27,661	22,498	10,556	4,427	17,105	18,071	19,462	21,039	1,384
Bracken	17,543	10,357	13,946	6,008	3,597	4,349	10,109	7,728	537
Breathitt	1,455	1,343	1,221	967	233	376	988	1,148	152
Breckinridge	32,712	28,714	20,196	12,623	12,516	16,091	23,791	29,691	2,620
Bullitt	7,910	7,229	4,014	3,502	3,896	3,727	7,954	9,835	225
Butler	24,043	19,097	9,130	7,074	14,913	12,023	22,228	16,161	320
Caldwell	23,305	17,945	16,358	12,219	6,947	5,727	17,794	16,729	496
Calloway	52,333	53,974	35,363	29,973	16,970	26,067	40,047	41,762	1,100
Campbell	5,769	5,853	3,368	2,998	2,401	2,855	4,955	8,663	595
Carlisle	26,308	31,473	17,260	15,452	9,048	16,021	19,232	25,103	346
Carroll	8,863	8,007	6,682	6,148	2,181	1,859	4,724	6,391	539
Carter	9,836	7,033	6,515	3,553	3,321	3,480	6,738	7,527	697
Casey	29,235	21,719	14,858	8,255	14,377	13,464	17,956	17,190	1,903
Christian	85,736	77,031	64,515	53,727	21,221	23,304	61,855	59,996	1,521
Clark	36,126	25,285	16,103	7,164	20,023	18,122	21,423	25,195	1,862
Clay	5,310	3,713	4,462	3,001	847	712	3,286	2,935	416
Clinton	11,218	20,612	4,831	2,886	6,386	17,726	7,125	17,227	746
Crittenden	11,078	12,268	5,706	4,518	5,372	7,751	8,319	13,097	239
Cumberland	7,461	7,425	4,611	2,448	2,850	4,977	5,401	8,101	1,030
Daviess	73,251	62,732	59,769	46,022	13,483	16,711	49,103	54,328	1,074
Edmonson	10,877	9,955	4,475	3,333	6,401	6,622	8,238	8,889	836
Elliott	4,180	2,819	3,397	1,822	783	996	2,060	3,651	717
Estill	4,781	3,859	3,442	1,612	1,339	2,247	3,280	4,267	374
Fayette	141,357	178,892	22,305	14,439	119,052	164,453	80,695	155,411	3,925
Fleming	36,879	33,949	17,270	8,911	19,609	25,038	23,832	27,153	1,973
Floyd	581	510	483	444	98	66	588	879	(D)
Franklin	15,760	12,143	11,086	7,360	4,674	4,783	10,705	10,096	684
Fulton	25,243	30,174	23,663	19,826	1,581	10,348	17,024	24,836	156
Gallatin	6,469	3,791	5,092	2,450	1,376	1,341	3,803	3,239	251
Garrard	29,948	21,197	14,765	6,227	15,183	14,970	20,646	18,443	1,465
Grant	15,970	13,199	12,083	5,518	3,887	7,680	9,964	12,290	1,290
Graves	125,682	150,213	45,304	40,347	80,378	109,866	101,009	111,587	1,395
Grayson	34,860	31,642	12,385	7,548	22,475	24,094	27,544	31,285	981
Green	23,860	21,132	12,867	7,517	10,994	13,614	14,917	16,755	1,462
Greenup	8,567	5,439	5,443	3,075	3,125	2,364	5,623	5,521	950
Hancock	12,286	9,480	8,560	5,152	3,725	4,329	8,440	9,058	391
Hardin	40,418	35,898	23,927	18,362	16,491	17,536	33,388	37,578	1,540
Harlan	206	124	66	93	140	31	147	285	8
Harrison	29,071	21,041	20,562	10,756	8,509	10,286	17,981	16,197	1,244
Hart	34,612	29,778	19,198	10,501	15,414	19,277	22,194	27,072	3,101
Henderson	52,110	51,896	41,105	28,956	11,006	22,940	39,173	37,764	636
Henry	36,830	25,637	25,653	14,567	11,177	11,070	23,083	22,318	1,366
Hickman	48,803	65,604	27,246	20,501	21,557	45,103	36,844	51,334	298
Hopkins	29,460	38,387	18,144	13,392	11,317	24,995	21,993	36,427	694
Jackson	9,993	7,899	6,282	4,430	3,711	3,469	6,163	5,755	832
Jefferson	14,260	13,328	10,811	9,938	3,449	3,390	10,333	11,194	334
Jessamine	66,651	49,737	14,630	7,897	52,022	41,840	26,994	35,251	1,464
Johnson	1,351	1,231	1,082	1,000	269	231	1,027	1,333	172
Kenton	5,360	5,311	3,333	2,825	2,026	2,486	3,876	3,713	151
Knott	65	63	12	4	53	59	110	172	3

# KENTUCKY CENSUS OF AGRICULTURE, 1997 & 2002

County	Market Value of Ag. Products Sold		Market Value of Crops		Market Value of Livestock		Total Production Expenses		Hired Farm Labor
	1997	2002	1997	2002	1997	2002	1997	2002	2002
	(\$1,000)		(\$1,000)		(\$1,000)		(\$1,000)		(Workers)
Knox	3,134	2,498	1,941	1,646	1,193	852	2,673	2,694	416
Larue	25,272	21,057	13,161	10,639	12,111	10,418	17,379	23,693	578
Laurel	15,019	15,716	9,144	6,874	5,876	8,842	9,087	14,212	1,085
Lawrence	2,165	1,792	1,607	1,039	558	753	1,381	1,717	370
Lee	1,755	1,150	1,166	622	589	528	1,106	1,246	124
Leslie	122	34	106	28	15	6	62	156	13
Letcher	65	181	7	121	58	60	120	259	10
Lewis	14,124	9,493	10,287	5,640	3,837	3,853	8,172	8,799	1,516
Lincoln	38,587	35,077	17,052	11,468	21,536	23,610	25,672	30,512	1,733
Livingston	10,252	11,310	4,051	3,810	6,201	7,500	9,444	10,893	195
Logan	66,206	55,632	49,524	38,329	16,682	17,302	42,907	44,404	1,551
Lyon	6,229	4,704	4,107	2,967	2,122	1,737	5,038	5,042	155
McCracken	17,315	15,812	12,165	11,646	5,151	4,166	12,530	11,935	356
McCreary	569	566	138	126	430	440	646	1,710	132
McLean	57,957	64,765	28,434	20,730	29,522	44,034	44,765	46,382	662
Madison	44,862	35,640	21,398	12,139	23,464	23,501	28,468	28,066	2,174
Magoffin	2,699	1,658	2,397	1,180	301	477	1,245	1,641	882
Marion	34,336	28,754	14,883	8,646	19,452	20,108	23,389	25,125	1,994
Marshall	19,777	27,012	9,096	8,732	10,681	18,280	17,761	23,632	906
Martin	50	119	7	9	43	110	73	203	5
Mason	30,395	22,354	18,666	9,543	11,729	12,812	18,347	21,391	1,784
Meade	19,480	16,171	9,597	6,876	9,883	9,295	14,874	18,515	771
Menifee	4,048	2,592	2,867	1,726	1,182	865	2,473	2,303	250
Mercer	30,858	28,900	14,967	8,946	15,891	19,954	23,908	25,828	875
Metcalfe	25,312	29,782	10,726	5,886	14,586	23,895	16,876	30,414	1,107
Monroe	25,800	32,943	9,313	5,088	16,487	27,855	19,149	32,518	1,938
Montgomery	22,088	15,647	13,751	5,135	8,338	10,512	13,608	12,372	788
Morgan	9,727	7,642	7,347	4,194	2,380	3,449	5,736	6,375	1,443
Muhlenberg	34,065	41,806	9,618	9,206	24,447	32,600	20,622	32,334	683
Nelson	39,525	33,242	14,832	11,042	24,692	22,200	30,641	27,775	1,592
Nicholas	15,626	11,875	10,753	6,106	4,873	5,769	10,873	12,529	979
Ohio	45,081	61,454	14,270	11,397	30,811	50,056	34,515	44,902	773
Oldham	16,778	21,267	7,878	8,957	8,899	12,310	15,575	24,897	968
Owen	21,868	16,848	16,042	7,991	5,826	8,857	13,493	17,131	868
Owsley	2,769	1,710	2,561	1,420	207	289	1,580	2,081	319
Pendleton	14,839	8,801	10,642	5,437	4,197	3,365	8,842	12,754	1,025
Perry	598	574	362	234	236	339	584	535	32
Pike	185	149	57	79	128	70	265	300	(D)
Powell	2,633	2,484	1,820	1,470	813	1,014	1,746	2,420	367
Pulaski	36,572	35,018	16,367	12,412	20,206	22,605	26,127	31,386	1,492
Robertson	6,676	2,486	5,073	1,573	1,602	913	3,828	2,649	322
Rockcastle	10,728	9,219	6,198	3,799	4,530	5,419	6,896	9,464	437
Rowan	4,520	5,639	3,375	2,449	1,145	3,190	2,948	4,279	332
Russell	28,686	22,565	9,514	4,793	19,173	17,771	22,524	24,573	2,332
Scott	65,530	48,536	26,241	13,152	39,289	35,384	35,274	41,526	1,961
Shelby	56,575	45,637	33,250	26,169	23,325	19,467	37,975	41,579	2,391
Simpson	33,693	41,628	26,081	21,340	7,612	20,289	24,504	29,975	1,023
Spencer	19,988	11,381	11,992	6,970	7,996	4,411	12,555	12,585	691
Taylor	24,916	20,070	11,805	7,999	13,111	12,071	19,186	14,776	1,396
Todd	71,601	62,472	42,732	32,272	28,869	30,200	49,727	42,835	1,156
Trigg	26,613	19,995	17,887	14,311	8,727	5,684	20,764	16,675	424
Trimble	10,779	6,470	8,939	4,540	1,840	1,930	6,522	6,174	538
Union	61,698	43,347	50,781	38,027	10,917	5,320	41,224	37,497	369
Warren	65,948	61,479	24,961	23,803	40,988	37,676	49,616	50,967	2,365
Washington	32,883	27,060	17,064	12,144	15,819	14,915	23,833	25,883	2,225
Wayne	50,571	43,789	9,367	5,686	41,204	38,103	28,134	29,822	1,988
Webster	36,523	77,346	24,454	17,096	12,069	60,250	24,708	55,622	498
Whitley	3,279	4,843	1,135	1,203	2,144	3,640	2,606	5,184	199
Wolfe	3,915	2,504	3,258	1,967	657	537	2,345	2,309	340
Woodford	116,464	171,917	21,025	9,661	95,439	162,256	82,593	102,839	3,121
<b>Kentucky</b>	<b>315,878</b>	<b>3,080,080</b>	<b>1,610,935</b>	<b>1,110,209</b>	<b>1,547,847</b>	<b>1,969,871</b>	<b>2,169,378</b>	<b>2,604,069</b>	<b>115,177</b>

# KENTUCKY POPULATION BY COUNTY, 1990 & 2000

County	Census Population		Change, 1990 to 2000		County	Census Population		Change, 1990 to 2000	
	Apr 1990	Apr 2000	Number	%		Apr 1990	Apr 2000	Number	%
Adair	15,360	17,244	1,884	12.3	Larue	11,679	13,373	1,694	14.5
Allen	14,628	17,800	3,172	21.7	Laurel	43,438	52,715	9,277	21.4
Anderson	14,571	19,111	4,540	31.2	Lawrence	13,998	15,569	1,571	11.2
Ballard	7,902	8,286	384	4.9	Lee	7,422	7,916	494	6.7
Barren	34,001	38,033	4,032	11.9	Leslie	13,642	12,401	-1,241	-9.1
Bath	9,692	11,085	1,393	14.4	Letcher	27,000	25,277	-1,723	-6.4
Bell	31,506	30,060	-1,446	-4.6	Lewis	13,029	14,092	1,063	8.2
Boone	57,589	85,991	28,402	49.3	Lincoln	20,045	23,361	3,316	16.5
Bourbon	19,236	19,360	124	0.6	Livingston	9,062	9,804	742	8.2
Boyd	51,150	49,752	-1,398	-2.7	Logan	24,416	26,573	2,157	8.8
Boyle	25,641	27,697	2,056	8.0	Lyon	6,624	8,080	1,456	22.0
Bracken	7,766	8,279	513	6.6	McCracken	62,879	65,514	2,635	4.2
Breathitt	15,703	16,100	397	2.5	McCreary	15,603	17,080	1,477	9.5
Breckinridge	16,312	18,648	2,336	14.3	McLean	9,628	9,938	310	3.2
Bullitt	47,567	61,236	13,669	28.7	Madison	57,508	70,872	13,364	23.2
Butler	11,245	13,010	1,765	15.7	Magoffin	13,077	13,332	255	1.9
Caldwell	13,232	13,060	-172	-1.3	Marion	16,499	18,212	1,713	10.4
Calloway	30,735	34,177	3,442	11.2	Marshall	27,205	30,125	2,920	10.7
Campbell	83,866	88,616	4,750	5.7	Martin	12,526	12,578	52	0.4
Carlisle	5,238	5,351	113	2.2	Mason	16,666	16,800	134	0.8
Carroll	9,292	10,155	863	9.3	Meade	24,170	26,349	2,179	9.0
Carter	24,340	26,889	2,549	10.5	Menifee	5,092	6,556	1,464	28.8
Casey	14,211	15,447	1,236	8.7	Mercer	19,148	20,817	1,669	8.7
Christian	68,941	72,265	3,324	4.8	Metcalfe	8,963	10,037	1,074	12.0
Clark	29,496	33,144	3,648	12.4	Monroe	11,401	11,756	355	3.1
Clay	21,746	24,556	2,810	12.9	Montgomery	19,561	22,554	2,993	15.3
Clinton	9,135	9,634	499	5.5	Morgan	11,648	13,948	2,300	19.7
Crittenden	9,196	9,384	188	2.0	Muhlenberg	31,318	31,839	521	1.7
Cumberland	6,784	7,147	363	5.4	Nelson	29,710	37,477	7,767	26.1
Daviess	87,189	91,545	4,356	5.0	Nicholas	6,725	6,813	88	1.3
Edmonson	10,357	11,644	1,287	12.4	Ohio	21,105	22,916	1,811	8.6
Elliott	6,455	6,748	293	4.5	Oldham	33,263	46,178	12,915	38.8
Estill	14,614	15,307	693	4.7	Owen	9,035	10,547	1,512	16.7
Fayette	225,366	260,512	35,146	15.6	Owsley	5,036	4,858	-178	-3.5
Fleming	12,292	13,792	1,500	12.2	Pendleton	12,036	14,390	2,354	19.6
Floyd	43,586	42,441	-1,145	-2.6	Perry	30,283	29,390	-893	-2.9
Franklin	43,781	47,687	3,906	8.9	Pike	72,583	68,736	-3,847	-5.3
Fulton	8,271	7,752	-519	-6.3	Powell	11,686	13,237	1,551	13.3
Gallatin	5,393	7,870	2,477	45.9	Pulaski	49,489	56,217	6,728	13.6
Garrard	11,579	14,792	3,213	27.7	Robertson	2,124	2,266	142	6.7
Grant	15,737	22,384	6,647	42.2	Rockcastle	14,803	16,582	1,779	12.0
Graves	33,550	37,028	3,478	10.4	Rowan	20,353	22,094	1,741	8.6
Grayson	21,050	24,053	3,003	14.3	Russell	14,716	16,315	1,599	10.9
Green	10,371	11,518	1,147	11.1	Scott	23,867	33,061	9,194	38.5
Greenup	36,742	36,891	149	0.4	Shelby	24,824	33,337	8,513	34.3
Hancock	7,864	8,392	528	6.7	Simpson	15,145	16,405	1,260	8.3
Hardin	89,240	94,174	4,934	5.5	Spencer	6,801	11,766	4,965	73.0
Harlan	36,574	33,202	-3,372	-9.2	Taylor	21,146	22,927	1,781	8.4
Harrison	16,248	17,983	1,735	10.7	Todd	10,940	11,971	1,031	9.4
Hart	14,890	17,445	2,555	17.2	Trigg	10,361	12,597	2,236	21.6
Henderson	43,044	44,829	1,785	4.1	Trimble	6,090	8,125	2,035	33.4
Henry	12,823	15,060	2,237	17.4	Union	16,557	15,637	-920	-5.6
Hickman	5,566	5,262	-304	-5.5	Warren	76,673	92,522	15,849	20.7
Hopkins	46,126	46,519	393	0.9	Washington	10,441	10,916	475	4.5
Jackson	11,955	13,495	1,540	12.9	Wayne	17,468	19,923	2,455	14.1
Jefferson	664,937	693,604	28,667	4.3	Webster	13,955	14,120	165	1.2
Jessamine	30,508	39,041	8,533	28.0	Whitley	33,326	35,865	2,539	7.6
Johnson	23,248	23,445	197	0.8	Wolfe	6,503	7,065	562	8.6
Kenton	142,031	151,464	9,433	6.6	Woodford	19,955	23,208	3,253	16.3
Knott	17,906	17,649	-257	-1.4	<b>KENTUCKY</b>	<b>3,685,296</b>	<b>4,041,769</b>	<b>356,473</b>	<b>9.7</b>
Knox	29,676	31,795	2,119	7.1					

Source: U.S. Census Bureau, Census 2000. Note: 1990 Populations shown in this table were originally published in 1990 Census reports and do not include subsequent revisions due to boundary or other changes.



## 2004 STATE RANKINGS FOR CROP PRODUCTION

Rank	CORN FOR GRAIN		CORN FOR SILAGE		WINTER WHEAT	
	State	Production (1,000 Bushels)	State	Production (1,000 Tons)	State	Production (1,000 Bushels)
1.	Iowa	2,244,400	Wisconsin	13,300	Kansas	314,500
2.	Illinois	2,088,000	California	10,010	Oklahoma	164,500
3.	Nebraska	1,319,700	New York	7,990	Washington	117,250
4.	Minnesota	1,120,950	Pennsylvania	7,200	Texas	108,500
5.	Indiana	929,040	Minnesota	6,400	Montana	66,830
6.	South Dakota	539,500	South Dakota	4,950	Idaho	63,000
7.	Ohio	491,380	Michigan	4,770	Nebraska	61,050
8.	Missouri	466,560	Iowa	4,485	South Dakota	56,250
9.	Kansas	432,000	Idaho	3,975	Ohio	55,180
10.	Wisconsin	353,600	Nebraska	3,795	Illinois	53,100
11.	Michigan	257,280	Ohio	3,230	Missouri	48,360
12.	Texas	233,520	Indiana	2,870	Oregon	47,580
13.	<b>KENTUCKY</b>	<b>173,280</b>	Virginia	2,700	Colorado	45,900
14.	Colorado	140,400	Kansas	2,550	Michigan	40,960
15.	Pennsylvania	137,200	Texas	2,530	Arkansas	32,860
16.	North Dakota	120,750	Colorado	2,475	Indiana	27,280
17.	North Carolina	86,580	Illinois	2,200	California	27,200
18.	Tennessee	86,100	North Dakota	1,871	North Carolina	23,000
19.	Maryland	65,025	Vermont	1,755	<b>KENTUCKY</b>	<b>20,520</b>
20.	New York	61,000	Washington	1,690	Tennessee	13,720
21.	Mississippi	59,840	New Mexico	1,650	Wisconsin	12,600
22.	Louisiana	55,350	North Carolina	1,425	North Dakota	9,900
23.	Virginia	52,200	Maryland	1,200	Virginia	9,900
24.	Arkansas	42,700	<b>KENTUCKY</b>	<b>1,138</b>	Maryland	8,555
25.	Georgia	36,400	Montana	1,122	Georgia	8,550
26.	Oklahoma	30,000	Tennessee	1,045	Louisiana	8,250
27.	South Carolina	29,500	Utah	924	South Carolina	7,920
28.	California	26,250	Wyoming	814	New Mexico	7,800
29.	Alabama	23,985	Oregon	750	Mississippi	7,155
30.	Delaware	23,256	Missouri	725	Pennsylvania	6,615
31.	Washington	21,000	Georgia	720	New York	5,300
32.	Idaho	12,750	Arizona	675	Utah	5,160
33.	New Mexico	10,440	Connecticut	602	Wyoming	3,510
34.	New Jersey	10,296	Oklahoma	570	Alabama	2,880
35.	Wyoming	6,681	Florida	561	Delaware	2,726
36.	Arizona	4,860	Maine	488	Iowa	1,320
37.	Oregon	4,760	Massachusetts	374	New Jersey	1,128
38.	West Virginia	3,799	West Virginia	306	Minnesota	1,000
39.	Florida	2,880	New Hampshire	294	Florida	675
40.	Montana	2,145	New Jersey	260	Arizona	360
41.	Utah	1,860	Mississippi	210	Nevada	330
42.			South Carolina	192	West Virginia	260
43.			Alabama	170		
44.			Delaware	102		
45.			Nevada	88		
46.			Arkansas	85		
47.			Louisiana	60		
48.			Rhode Island	40		
<b>UNITED STATES <sup>1/</sup></b>		<b>11,807,217</b>			<b>107,336</b>	<b>1,499,434</b>

<sup>1/</sup>Totals may not add due to rounding.

## 2004 STATE RANKINGS FOR CROP PRODUCTION

Rank	ALL HAY		ALFALFA HAY		ALL OTHER HAY	
	State	Production (1,000 Tons)	State	Production (1,000 Tons)	State	Production (1,000 Tons)
1.	Texas	12,295	California	7,350	Texas	11,440
2.	Missouri	9,420	Iowa	5,460	Missouri	7,900
3.	California	9,000	Minnesota	4,725	<b>KENTUCKY</b>	<b>5,040</b>
4.	Kansas	7,880	South Dakota	4,725	Tennessee	4,750
5.	South Dakota	6,870	Idaho	4,720	Oklahoma	4,590
6.	Iowa	6,240	Nebraska	4,438	Kansas	4,080
7.	Nebraska	6,143	Wisconsin	4,160	Arkansas	3,500
8.	Oklahoma	6,030	Kansas	3,800	Virginia	2,832
9.	<b>KENTUCKY</b>	<b>5,928</b>	Montana	3,220	Pennsylvania	2,784
10.	Minnesota	5,895	Michigan	2,720	Alabama	2,295
11.	Idaho	5,350	Colorado	2,541	South Dakota	2,145
12.	Tennessee	4,883	Washington	2,400	North Carolina	1,750
13.	Wisconsin	4,880	Utah	2,128	Ohio	1,728
14.	Montana	4,760	Oregon	2,064	North Dakota	1,716
15.	Pennsylvania	4,296	Arizona	1,968	Nebraska	1,705
16.	Colorado	3,666	North Dakota	1,950	Mississippi	1,656
17.	North Dakota	3,666	Illinois	1,720	California	1,650
18.	Oregon	3,624	Missouri	1,520	Georgia	1,620
19.	Arkansas	3,570	Pennsylvania	1,512	New York	1,600
20.	Washington	3,392	Ohio	1,504	Oregon	1,560
21.	Virginia	3,272	Oklahoma	1,440	Montana	1,540
22.	Michigan	3,270	Indiana	1,435	Minnesota	1,170
23.	Ohio	3,232	New York	1,316	Colorado	1,125
24.	New York	2,916	Wyoming	1,260	Louisiana	1,110
25.	Illinois	2,560	New Mexico	1,176	Washington	992
26.	Utah	2,469	Nevada	1,175	West Virginia	954
27.	Indiana	2,303	<b>KENTUCKY</b>	<b>888</b>	Indiana	868
28.	Alabama	2,295	Texas	855	Illinois	840
29.	Arizona	2,119	Virginia	440	South Carolina	792
30.	Wyoming	2,016	Tennessee	133	Iowa	780
31.	North Carolina	1,776	Maryland	132	Wyoming	756
32.	Mississippi	1,656	New Jersey	111	Wisconsin	720
33.	Georgia	1,620	West Virginia	108	Florida	650
34.	Nevada	1,481	Vermont	80	Idaho	630
35.	New Mexico	1,365	Arkansas	70	Michigan	550
36.	Louisiana	1,110	Massachusetts	31	Maryland	438
37.	West Virginia	1,062	North Carolina	26	Utah	341
38.	South Carolina	792	Delaware	23	Nevada	306
39.	Florida	650	Maine	20	Vermont	304
40.	Maryland	570	Connecticut	19	Maine	276
41.	Vermont	384	New Hampshire	15	New Mexico	189
42.	Maine	296	Rhode Island	5	New Jersey	171
43.	New Jersey	282			Arizona	151
44.	Massachusetts	181			Massachusetts	150
45.	Connecticut	143			Connecticut	124
46.	New Hampshire	105			New Hampshire	90
47.	Delaware	41			Delaware	18
48.	Rhode Island	20			Rhode Island	15
<b>UNITED STATES <sup>1/</sup></b>		<b>157,774</b>	<b>75,383</b>		<b>82,391</b>	

<sup>1/</sup>Totals may not add due to rounding.

## 2004 STATE RANKINGS FOR CROP PRODUCTION

ALL TOBACCO			BURLEY TOBACCO		DARK TOBACCO	
Rank	State	Production	State	Production	State	Production
		(1,000 Pounds)		(1,000 Pounds)		(1,000 Pounds)
1.	North Carolina	350,560	<b>KENTUCKY</b>	<b>206,700</b>	<b>FIRE-CURED TYPES 22 &amp; 23</b>	
2.	<b>KENTUCKY</b>	<b>235,003</b>	Tennessee	46,080		
3.	Virginia	67,285	Ohio	10,976	<b>KENTUCKY</b>	<b>17,990</b>
4.	Tennessee	65,381	Indiana	8,610	Tennessee	17,816
5.	South Carolina	60,750	Virginia	8,201	<b>UNITED STATES</b>	<b>35,806</b>
6.	Georgia	46,690	North Carolina	6,580		
7.	Ohio	10,976	Missouri	3,335		
8.	Florida	9,800	West Virginia	1,690	<b>AIR-CURED TYPE 35</b>	
9.	Indiana	8,610				
10.	Pennsylvania	8,100			<b>KENTUCKY</b>	<b>6,933</b>
					Tennessee	1,485
11.	Connecticut	3,687			<b>UNITED STATES</b>	<b>8,418</b>
12.	Wisconsin	3,541				
13.	Missouri	3,335				
14.	Massachusetts	1,949			<b>AIR-CURED TYPE 36</b>	
15.	Maryland	1,870				
16.	West Virginia	1,690			<b>KENTUCKY</b>	<b>3,380</b>
					<b>UNITED STATES</b>	<b>3,380</b>
<b>UNITED STATES <sup>1/</sup></b>		<b>879,227</b>	<b>292,172</b>			

SOYBEANS FOR BEANS			BARLEY		SORGHUM FOR GRAIN	
Rank	State	Production	State	Production	State	Production
		(1,000 Bushels)		(1,000 Bushels)		(1,000 Bushels)
1.	Iowa	497,350	North Dakota	91,760	Kansas	220,400
2.	Illinois	490,000	Idaho	59,800	Texas	127,100
3.	Indiana	284,280	Montana	48,970	Nebraska	33,615
4.	Minnesota	232,650	Washington	17,150	Missouri	15,660
5.	Missouri	223,200	Colorado	9,086	Oklahoma	14,400
6.	Nebraska	218,500	Minnesota	7,820	Illinois	8,938
7.	Ohio	207,740	Wyoming	7,050	South Dakota	6,300
8.	South Dakota	140,080	Oregon	4,818	Colorado	5,400
9.	Arkansas	122,850	California	4,500	Louisiana	5,200
10.	Kansas	111,110	Arizona	4,180	Arkansas	4,704
11.	North Dakota	82,110	Utah	3,440	New Mexico	4,232
12.	Michigan	75,240	Pennsylvania	3,410	Tennessee	1,530
13.	Mississippi	61,500	South Dakota	3,150	Mississippi	1,422
14.	KENTUCKY	57,200	Virginia	2,960	Georgia	1,175
15.	Wisconsin	53,475	Maryland	2,847	California	1,080
16.	North Carolina	51,000	Delaware	2,080	KENTUCKY	1,040
17.	Tennessee	48,380	Wisconsin	1,650	North Carolina	728
18.	Louisiana	32,670	Maine	1,320	Arizona	570
19.	Maryland	21,285	North Carolina	960	Maryland	336
20.	Virginia	20,670	KENTUCKY	616	Pennsylvania	332
21.	Pennsylvania	19,550	Michigan	612	South Carolina	260
22.	South Carolina	14,310	New York	530	Alabama	258
23.	Delaware	8,736	Kansas	336	Virginia	136
24.	Oklahoma	8,700	Nevada	210	Delaware	83
25.	Texas	8,640	Ohio	200		
26.	Georgia	8,370	Nebraska	162		
27.	New York	6,708	New Jersey	126		
28.	Alabama	6,650				
29.	New Jersey	4,326				
30.	West Virginia	828				
31.	Florida	578				
UNITED STATES 1/		3,123,686	279,743		454,899	

<sup>1/</sup>Totals may not add due to rounding.

## RECORD HIGHS AND LOWS TO PRESENT FOR KENTUCKY CROPS

CROP	UNIT	YEAR	ACRES HARVESTED	YEAR	YIELD PER ACRE	YEAR	PRODUCTION
<b>CORN</b>							
For Grain	Bu.						
High		1919	3,247	<b>2004</b>	<b>152</b>	<b>2004</b>	<b>173,280</b>
Low		1970	939	1930	10	1930	26,730
For Silage	Ton						
High		1983	234	2001	19	1982	2,772
Low		1943	15	1930	3.5	1921	103
<b>TOBACCO</b>							
Burley	Lbs.						
High		1931	365	1970	2,710	1982	551,250
Low		2003	103	1936	690	1927	130,425
Type 22, Fire	Lbs.						
High		1919	96	2001	3,400	1919	72,638
Low		2002	2.45	1938	630	1987	5,589
Type 23, Fire	Lbs.						
High		1919	109	<b>2004</b>	<b>3,700</b>	1919	82,840
Low		2002	2.40	1933	630	1973	3,925
One Sucker	Lbs.						
High		1919	54	2002	3,000	1919	42,930
Low		1988	1.85	1927	705	1989	3,608
Green River	Lbs.						
High		1919	77	2000	2,900	1919	60,060
Low		1990	.90	1927	649	1989	1,950
<b>SMALL GRAINS</b>							
Wheat	Bu.						
High		1899	1,431	2001	66	1981	28,560
Low		1962	131	1885	4	1928	1,273
Barley	Bu.						
High		1942	141	2001	85	1954	3,328
Low		1906	1	1875	17.5	1899	19
<b>SOYBEANS</b>							
For Beans	Bu.						
High		1979	1,660	<b>2004</b>	<b>44</b>	<b>2004</b>	<b>57,200</b>
Low		1928	5	1930	7.5	1928	50
<b>SORGHUM</b>							
For Grain	Bu.						
High		1985	143	2003	95	1985	11,440
Low		1955	5	1956	25	1955	150
<b>HAY</b>							
Alfalfa	Ton						
High		1965	430	2000	3.90	1989	1,406
Low		1925	61	1936	.95	1930	78
All Other	Ton						
High		2003	2,200	2003	2.50	2003	5,500
Low		1936	855	1930	.58	1936	549
<b>FRUIT</b>							
Apples Com'l	Lbs.						
High		-	-	-	-	1949	23,800
Low		-	-	-	-	1955	2,760
Peaches	Lbs.						
High		-	-	-	-	1949	20,200
Low		-	-	-	-	1994	1/

1/No significant commercial production due to freeze. NOTE: In some cases the acreage or yield or production is identical for more than one year. In such cases, the year is the latest year of occurrence.

## 2004 CROP HIGHLIGHTS

Kentucky farmers benefitted from frequent rain during the summer of 2004. Corn and soybean production for 2004 were record highs. Planting of corn and soybeans and setting of tobacco was slowed in late May and early June by excessive

moisture. However, during the summer adequate to surplus soil moisture produced good yielding crops. Harvesting in late fall was slowed by frequent rain but farmers eventually completed combining their fields.

### BURLEY TOBACCO

Kentucky **burley** tobacco production during 2004 was estimated at 206.7 million pounds, an increase of 4 percent from the 2003 crop. The larger production was brought about by both an increase in harvested acreage and yield per acre. Harvested acreage at 106,000 acres was up 3,000 acres from the previous year. Yield was estimated at 1,950 pounds per acre, an increase of 25 pounds. Shelby County was the leading production county with 6.06 million pounds. For 2004, 16 counties had production of 3.50 million pounds or more of tobacco.

Sowing of plant beds in late March and early April advanced at a faster rate than in 2003. Sowing of greenhouse and conventional tobacco beds was virtually complete by the third week of April. Farmers obtained 93 percent of their tobacco transplants used in 2004 from greenhouse and float beds with only 7 percent from traditional plant beds. Setting of burley and dark tobacco started the first week of May. Farmers reported 96 percent had adequate tobacco plants. Farmers were actively setting their tobacco during May as field conditions permitted. However, setting slowed at times with cool temperatures and wet soil conditions. By May 30, 53 percent of the burley and 50 percent of the dark tobacco had been set, both ahead of the previous year. Blue mold was active in Central Kentucky, mainly in greenhouses. Setting continued through mid-June although slowed at times by wet soil conditions. At the end of June the majority of the tobacco crop was in good to excellent condition with a few areas in the State reporting blue mold or black shank problems.

By the first week of July farmers were actively spraying, side dressing and topping their tobacco. Blue mold and black shank had become a problem in some of the central and northeastern portions of the State due to wet weather conditions prevalent during the spring and summer. By mid-July blue mold had been confirmed in 40 counties. There

was also widespread variability in crop maturity. Some tobacco fields were nearly ready to be cut while some had just been set in the fields.

Another concern was early blooming in short fields. Rains brought weed growth and some low lying fields were flooded. In late July blue mold concerns were easing in all but the eastern part of the State due to aggressive control spraying by farmers. By month's end 52 percent of the burley was blooming or beyond and 23 percent had been topped, ahead of 31 percent blooming and 14 percent topped in 2003. Dark tobacco was reported as 36 percent in the topped stage. Blue mold and black shank continued to be a problem in fields where it frequently rained during the season. Disease severity varied from minimal to severe. Tobacco height was short in areas where replanting had been done in the fields. Wet soil conditions continued into August. Blue mold continued to stress fields to various degrees with black shank a secondary concern. Even as cutting and housing got into full swing in mid-August, concern still remained regarding blue mold and black shank that ranged from minimal to severe. Yields correspondingly varied from good to poor. At the end of August early yields looked average to good. Quality of housed tobacco was good, though weight was a little light.

Harvesting was virtually complete the first week of October. Stripping of housed burley tobacco was slowed in early October by low humidity, but rainy weather later in October brought tobacco into case and allowed farmers to strip their tobacco. Blue mold damage was prevalent but severe only in scattered areas of the State. Most farmers indicated that they would make their production quota. Burley tobacco continued to be sold by two methods, auction market and direct contract. Average price received per pound was 200.0 cents per pound, up 1.8 cents from 2003 and a record high price.

## DARK TOBACCOS

Production of three of the four types of dark tobacco were up from the 2003 crop. The types that showed larger production were due to increased harvested acreage and larger yields. Prices for all four types were up from the 2003 crop. Producers sold most of their crop on the farm without taking it to the auction market.

**Type 22, Eastern Dark Fire-cured** production at 8.37 million pounds was up 5 percent from the 2003 crop.

**Type 23, Western Dark Fire-cured** production with 9.62 million pounds was up 9 percent from the 2003 crop.

**Type 35, One Sucker Dark Air-cured** production at 6.93 million pounds was up 7 percent from the 2003 crop.

**Type 36, Green River Dark Air-cured** production at 3.38 million pounds was down 1 percent from the 2003 crop. The production decrease was due to a smaller yield per acre.

## CORN

Production of **corn for grain** was estimated at 173.3 million bushels, up 17 percent from the good 2003 crop and a record high production. The previous high of 171.6 million bushels occurred in 1992. Yield was estimated at 152 bushels per acre, a record high. The previous record occurred in 2001. Acreage harvested for grain was 1.14 million acres, up 60,000 acres from 2003 and the largest in four years. Union County was the leading corn production county in the State with 13.2 million acres.

Corn planting got off to a good start in April with 40 percent of the intended acreage planted by April 11. This was ahead of both 18 percent for 2003 and 13 percent for the five-year average. Farmers continued to plant corn as temperatures and soil moisture permitted and by May 16, 92 percent of the crop had been planted with 80 percent emerged, both ahead of the previous year and 5-year average. During mid-May, farmers were replanting corn damaged by cooler April temperatures or flooding. Corn planting was virtually complete by May 30. As some farmers were completing planting of previously flooded fields, height of the most advanced fields was 31 inches statewide while the average height was 19 inches. The emerged corn was in mostly good to fair condition. In early June some farmers were still trying to replant flooded fields but were slowed by wet soil conditions. During early through mid-June, farmers had almost four weeks of consecutive rainfall. Planting of flooded fields finished the last week of June. As June progressed emerged corn started to look better as

the fields dried. On June 27 the corn condition was 1 percent very poor, 6 percent poor, 18 percent fair, 49 percent good and 26 percent excellent. Corn was 51 percent tasseling, ahead of 19 percent for 2003 and 32 percent for the five-year average. Silking was 36 percent complete, ahead of 8 percent for 2003 and 16 percent for the average. Farmers during the growing season were very optimistic with regard to both quality and yield due to the adequate to surplus rainfall. By the last week of July, 27 percent of the crop was in the dough stage, ahead of 24 percent for the previous year while behind 31 percent for the five-year average.

In early August corn was in excellent to good condition with 20 percent of the corn dented, ahead of 13 percent for 2003 and 10 percent on average. By late August, a few fields of corn had been harvested for grain in southern Kentucky. About 23 percent of the crop was mature and ready for harvest. This was up from 14 percent the previous year and 19 percent for the five-year average. Farmers were waiting for the corn to dry down naturally prior to harvesting. By early September the crop had dried down and harvesting gained momentum in most areas of the State. One-tenth of the crop had been harvested compared to 11 percent for 2003 and 21 percent for average. Corn yields were reported good to excellent. By October 3, 95 percent of the corn crop was mature and 69 percent of the crop was harvested. Harvesting the crop was slowed after mid-October by rain. Corn harvest was completed by the second week of November.

## SOYBEANS

**Soybean** production for 2004 totaled a record high 57.2 million bushels, up 6 percent from the good 2003 crop. Yield per acre was estimated at a record high 44 bushels per acre, up .5 bushels from the revised previous high 2003 crop. Harvested acreage was 1.30 million acres, an increase of 60,000 acres from the 2003 crop. Henderson County was the leading production county with 4.0 million bushels.

Soybean planting started in late April with 3 percent planted on April 25, very similar to previous years. Planting continued to advance and by May 16, 20 percent of the intended acreage had been planted. Even with frequent rain during the remainder of May planting advanced and by May 30, 45 percent of the acreage had been planted and 36 percent had emerged in the fields. Both were more advanced than the 2003 crop (21 and 12 percent respectively) while very similar to the average. Condition of the emerged crop was mostly good to fair. Planting of single crop soybeans continued though June. Rains in mid-June delayed the wheat harvest and thus delayed the planting of double crop soybeans. In late June farmers were busy planting double crop soybeans following the winter wheat harvest. Planting of second crop soybeans was completed the second week of

July. Soybeans were 26 percent blooming compared to 7 percent in 2003 and 22 percent for the five-year average. The beans were in mostly good to fair condition. During July farmers were spraying for weeds.

On August 1, 63 percent of the soybeans were blooming and 41 percent were setting pods. During the month frequent rain provided good plant growth and producers were making early predictions for a good to excellent crop. By August 29, 87 percent of the acreage was setting pods, 15 percent turning yellow and 5 percent shedding leaves. As the crop entered early September, double crop soybeans were in need of rain for filling beans in the pods. By mid-September some early soybean fields were being harvested with mostly good to excellent yield indications. Only a few disease problems were being reported. As of October 3, 77 percent of the soybean crop was dropping leaves and the soybean harvest had reached 22 percent complete. Harvest was ahead of the previous year's 11 percent and the average of 21 percent. Soybean harvest was active until mid-October when slowed by wet weather. On November 14, 78 percent of the soybeans had been harvested, down from 89 percent in 2003 and 90 percent for average. Yields were good to excellent with good quality.

## OTHER CROPS

Kentucky farmers produced 20.5 million bushels of **winter wheat**, down 5 percent from the upward revised 2003 crop of 21.7 million bushels. Yield was estimated at 54 bushels per acre, down eight bushels from the 2003 crop.

Reports of damage to winter wheat were minimal as a relatively mild winter helped keep the crop in mostly good to excellent condition. On May 2, 31 percent of the wheat crop had headed, 7 percent behind 2003 and 17 percent behind the five-year average. Most farmers were expecting good to excellent yields. Wheat harvest started the first week of June. There was considerable concern among farmers that disease might reduce yield and test weight. At harvest, yields and test weights were lower than expected due to the earlier rain delays in harvesting, head scab and

blight. Harvest was complete by mid-July. In some cases winter wheat delivered for sale was refused at delivery due to light test weight.

**Alfalfa hay** production was estimated at 888,000 tons, up 13,000 tons from the previous year. Yield was estimated at 3.7 tons per acre, up .2 tons from a year earlier. Harvested acreage at 240,000 acres was down 10,000 acres from 2003. **Other hay** production at 5.04 million tons was down 8 percent from the 2003 crop. Yield per acre at 2.4 tons was down .1 ton from the previous year. Harvested acreage estimated at 2.10 million acres was down 100,000 acres from 2003. Harvesting during 2004 was difficult due to the wet spring and yield was then reduced by the dry fall. Production of most hay was plentiful while quality was down due to poor curing conditions and advanced maturity of the crop.

## KENTUCKY CROP ACRES AND YIELD 2003 <sup>1/</sup> - 2004

CROP	ACRES PLANTED		ACRES HARVESTED		YIELD PER ACRE		UNIT
	2003	2004	2003	2004	2003	2004	
	(1,000 Acres)		(1,000 Acres)		(Units)		
<b>CORN</b>							
All	1,170	1,210	1,160	1,205	-	-	
For Grain	-	-	1,080	1,140	137.0	152.0	Bu.
For Silage	-	-	80	65	18.0	17.5	Ton
<b>TOBACCO</b>							
All	-	-	111.65	114.95	2,016	2,044	Lbs.
Burley	-	-	103.00	106.00	1,925	1,950	Lbs.
Type 22, Fired	-	-	2.60	2.70	3,080	3,100	Lbs.
Type 23, Fired	-	-	2.50	2.60	3,530	3,700	Lbs.
Type 35, One Sucker	-	-	2.30	2.35	2,830	2,950	Lbs.
Type 36, Green River	-	-	1.25	1.30	2,740	2,600	Lbs.
<b>SMALL GRAINS</b>							
Wheat, Winter	500	530	350 <u>2/</u>	380 <u>2/</u>	62.0	54.0	Bu.
Barley	9	9	8 <u>2/</u>	8 <u>2/</u>	75.0	77.0	Bu.
<b>SOYBEANS</b>	1,250	1,310	1,240 <u>3/</u>	1,300 <u>3/</u>	43.5	44.0	Bu.
<b>SORGHUM</b>	33	15	32 <u>2/</u>	13 <u>2/</u>	95.0	80.0	Bu.
<b>HAY</b>							
All	-	-	2,450	2,340	2.60	2.53	Ton
Alfalfa	-	-	250	240	3.50	3.70	Ton
All Other	-	-	2,200	2,100	2.50	2.40	Ton

1/Revised. 2/Harvested for Grain. 3/Harvested for Beans.

## KENTUCKY CROP PRODUCTION AND VALUE 2003 <sup>1/</sup> - 2004

CROP	UNIT	PRODUCTION		AVG. VALUE PER UNIT		VALUE OF PRODUCTION	
		2003	2004	2003	2004	2003	2004
		(1,000 Units)		(Dollars)		(1,000 Dollars)	
<b>CORN</b>							
For Grain	Bu.	147,960	173,280	2.53	2.05	374,339	355,224
For Silage	Ton	1,440	1,138	-	-	-	-
<b>TOBACCO</b>							
All	Lbs.	225,042	235,003	2.027	2.050	456,077	481,708
Burley	Lbs.	198,275	206,700	1.982	2.000	392,981	413,400
Type 22, Fired	Lbs.	8,008	8,370	2.480	2.548	19,860	21,327
Type 23, Fired	Lbs.	8,825	9,620	2.450	2.520	21,621	24,242
Type 35, One Sucker	Lbs.	6,509	6,933	2.223	2.255	14,470	15,634
Type 36, Green River	Lbs.	3,425	3,380	2.086	2.102	7,145	7,105
<b>SMALL GRAINS</b>							
Wheat, Winter	Bu.	21,700	20,520	3.17	2.96	68,789	60,739
Barley	Bu.	600	616	1.80	2.02	1,080	1,244
<b>SOYBEANS</b>	Bu.	53,940	57,200	7.40	5.87	399,156	335,764
<b>SORGHUM</b>	Bu.	3,040	1,040	2.55	1.90	7,752	1,976
<b>HAY</b>							
All	Ton	6,375	5,928	73.00	71.00	465,375	420,888
Alfalfa	Ton	875	888	-	-	-	-
All Other	Ton	5,500	5,040	-	-	-	-
<b>FRUIT</b>							
Apples-Com'l <u>2/</u>	Lbs.	7,100	7,300	.327	.364	2,322	2,658
Peaches <u>2/</u> <u>3/</u>	Ton	900	750	1,110.00	1,290.00	1,003	968

1/Revised. 2/Utilized production. 3/Production estimates changed from million pounds to tons in 2004.



## U.S. CROP ACRES AND YIELD 2003 <sup>1/</sup> - 2004

CROP	ACRES PLANTED		ACRES HARVESTED		YIELD PER ACRE		UNIT
	2003	2004	2003	2004	2003	2004	
	(1,000 Acres)		(1,000 Acres)		(Units)		
<b>CORN</b>							
All	78,603	80,930	77,527	79,735	-	-	
For Grain	-	-	70,944	73,632	142.2	160.4	Bu.
For Silage	-	-	6,583	6,103	16.3	17.6	Ton
<b>TOBACCO</b>							
All	-	-	411.15	408.04	1,952	2,155	Lbs.
Burley	-	-	152.30	153.15	1,850	1,908	Lbs.
Type 22, Fired	-	-	7.80	8.00	3,013	3,100	Lbs.
Type 23, Fired	-	-	2.90	3.02	3,505	3,644	Lbs.
Type 35, One Sucker	-	-	2.84	2.89	2,748	2,913	Lbs.
Type 36, Green River	-	-	1.25	1.30	2,740	2,600	Lbs.
<b>SMALL GRAINS</b>							
Wheat, All	62,141	59,674	53,063 <u>2/</u>	49,999 <u>2/</u>	44.2	43.2	Bu.
Barley	5,348	4,527	4,727 <u>2/</u>	4,021 <u>2/</u>	58.9	69.6	Bu.
<b>SOYBEANS</b>	73,404	75,208	72,476 <u>3/</u>	73,958 <u>3/</u>	33.9	42.2	Bu.
<b>SORGHUM</b>	9,420	7,486	7,798 <u>2/</u>	6,517 <u>2/</u>	52.7	69.8	Bu.
<b>HAY</b>							
All	-	-	63,383	61,916	2.49	2.55	Ton
Alfalfa	-	-	23,529	21,707	3.24	3.47	Ton
All Other	-	-	39,854	40,209	2.04	2.05	Ton

1/Revised. 2/Harvested for Grain. 3/Harvested for Beans.

## U. S. CROP PRODUCTION AND VALUE 2003 <sup>1/</sup> - 2004

CROP	UNIT	PRODUCTION		AVG. VALUE PER UNIT		VALUE OF PRODUCTION	
		2003	2004	2003	2004	2003	2004
		(1,000 Units)		(Dollars)		(1,000 Dollars)	
<b>CORN</b>							
For Grain	Bu.	10,089,222	11,807,217	2.42	2.06	24,415,917	24,322,867
For Silage	Ton	107,378	107,336	-	-	-	-
<b>TOBACCO</b>							
All	Lbs.	802,560	879,227	1.964	1.988	1,576,436	1,747,614
Burley	Lbs.	281,698	292,172	1.977	1.994	557,051	582,475
Type 22, Fired	Lbs.	23,504	24,800	2.488	2.549	58,476	63,224
Type 23, Fired	Lbs.	10,165	11,006	2.447	2.519	24,869	27,721
Type 35, One Sucker	Lbs.	7,805	8,418	2.189	2.231	17,083	18,782
Type 36, Green River	Lbs.	3,425	3,380	2.086	2.102	7,145	7,105
<b>SMALL GRAINS</b>							
Wheat, All	Bu.	2,344,760	2,158,245	3.40	3.40	7,972,184	7,338,033
Barley	Bu.	278,283	279,743	2.83	2.48	787,541	693,763
<b>SOYBEANS</b>	Bu.	2,453,665	3,123,686	7.34	5.74	18,009,901	17,929,958
<b>SORGHUM</b>	Bu.	411,237	454,899	2.39	1.79	982,856	814,269
<b>HAY</b>							
All	Ton	157,585	157,774	85.50	92.00	13,473,518	14,515,208
Alfalfa	Ton	76,273	75,383	-	-	-	-
All Other	Ton	81,312	82,391	-	-	-	-
<b>FRUIT</b>							
Apples-Com'l <u>2/</u>	Lbs.	8,703,000	10,330,600	.209	.158	1,817,240	1,629,071
Peaches <u>2/</u> <u>3/</u>	Ton	1,205.2	1,229.8	377.00	375.00	454,286	461,629

1/Revised. 2/Utilized production. 3/Production estimates changed from million pounds to tons in 2004.

## KENTUCKY FLOWERS & FOLIAGE PLANTS – 2004

The Kentucky 2004 expanded wholesale value of sales of flowers and foliage totaled \$36.6 million, up 6 percent from the revised 2003 value of \$34.5 million. The expanded wholesale value is the value reported by growers with \$100,000 or more in sales of floriculture crops plus calculated wholesale value of sales for growers with sales below \$100,000. Kentucky ranked 30th of the 36 states that conducted a floriculture survey.

Data for Kentucky's potted flowering plants, annual bedding/garden plants (including pots, flats and hanging baskets), herbaceous perennials, foliage plants for indoor and patio use, cut flowers and propagative (unfinished) material was provided by growers with sales of \$100,000 or more. The wholesale value of total bedding/garden plants (\$24.8 million),

potted flowering plants (\$4.35 million) and foliage for indoor or patio use (\$805,000) totaled \$29.9 million. The bedding/garden total was made up of two parts, annual bedding/garden plants (\$18.9 million) and herbaceous perennial plants (\$5.85 million). Total value of production of Kentucky's \$100,000 plus operations was \$29.9 million.

The number of floriculture growers in Kentucky with sales of \$10,000 or more totaled 212, down 23 from the 2003 revised number of growers. Total greenhouse cover for the State was 5.32 million square feet, up 4 percent from 2003. Film plastic (single and multiple layer) represented 81 percent, fiberglass and other rigid plastic make up 6 percent and glass made up 13 percent. Shade and temporary cover made up 162,000 square feet.

### POTTED FLOWERS, BEDDING/GARDEN PLANTS, FOLIAGE PLANTS AND CUT FLOWERS PRODUCED BY KENTUCKY GROWERS WITH SALES OVER \$100,000 – 2004

Item	Number of Producers	Units	Total Sales	% of Sales at Wholesale	Wholesale Price			Value of all Sales at Wholesale
					Less than 5 inch	5 inch or more	Comb. Sizes	
			(1,000 Units)			(Dollars)		(1,000 dollars)
<b>POTTED FLOWERING PLANTS:</b>								
African Violets 1/	-	Pots	-	-	-	-	-	-
Finished Florist Azaleas	6	Pots	2	72		10.01		20
Florist Chrysanthemums 2/	9	Pots	49	89			3.49	171
Easter Lilies	10	Pots	28	96		6.09		171
Poinsettias	31	Pots	563	91	1.50	5.62		2,954
Florist Roses 2/	4	Pots	2	54			4.36	9
Spring Flowering Bulbs 2/	11	Pots	34	82			6.06	206
Other Flowering Plants 2/	12	Pots	144	82			5.65	813
<b>HERBACEOUS PERENNIALS:</b>								
Potted Hardy/Garden	40	Pots	805	89			2.95	2,372
Potted Hosta	36	Pots	175	90			2.49 3/	435
Other Potted	40	Pots	987	78	2.25 4/	3.23 5/	7.61 6/	3,038
<b>ANNUAL BEDDING/GARDEN PLANTS:</b>								
<b>POTS</b>								
Begonia	30	Pots	160	73	1.12	2.51		228
Geraniums (Cuttings)	51	Pots	562	72	1.59	3.83		1,131
Geraniums (Seed)	19	Pots	165	84	0.78	2.59		192
New Guinea Impatiens	46	Pots	246	73	1.45	2.36		379
Impatiens	13	Pots	96	90	0.94	2.04		120
Marigold 2/	7	Pots	79	90			1.16	92
Pansy/Viola	13	Pots	236	92	0.90	1.83		358
Petunias	28	Pots	302	54	1.12	2.23		382
Other Flowering and Foliage	35	Pots	1,973	90	1.16	2.48		3,995
Vegetable Type	23	Pots	175	54	0.76	1.56		200
<b>FLATS</b>								
Begonia	45	Flats	90	80		7.52		677
Geraniums (Cuttings) 1/	-	Flats	-	-		-		-
Geraniums (Seed)	4	Flats	15	94		11.46		172
New Guinea Impatiens 1/	-	Flats	-	-		-		-
Impatiens	50	Flats	94	71		7.45		700
Marigold	48	Flats	42	72		7.50		315
Pansy/Viola	49	Flats	181	88		8.36		1,513
Petunias	49	Flats	86	75		8.49		730
Other Flowering and Foliage	47	Flats	498	79		8.27		4,118
Vegetable Type	40	Flats	46	68		8.15		375
<b>HANGING PLANTS</b>								
Begonia	28	Baskets	31	69		5.96		185
Geraniums (Cuttings)	34	Baskets	52	83		7.26		378
Geraniums (Seed) 1/	-	Baskets	-	-		-		-
New Guinea Impatiens	37	Baskets	40	86		6.94		278
Impatiens	31	Baskets	45	84		5.05		227
Marigold 1/	-	Baskets	-	-		-		-
Pansy/Viola 1/	-	Baskets	-	-		-		-
Petunias	38	Baskets	44	71		6.28		276
Other Flowering	35	Baskets	315	92		5.72		1,802
<b>FOLIAGE PLANTS FOR INDOOR OR PATIO USE:</b>								
Potted Foliage	7	Pots	-	86				108
Foliage, Hanging	33	Baskets	113	86		6.17		697
<b>CUT FLOWERS: 7/</b>								
<b>PROPAGATIVE (UNFINISHED) FLORICULTURE MATERIAL: 8/</b>								
<b>TOTAL WHOLESale VALUE: 9/</b>								<b>36,592</b>

1/Not published to avoid disclosure of individual operations. 2/Pot price is a weighted average of all pots reported to avoid disclosure of individual operations 3/Pot price is a weighted average of all pots (less than 1 gallon, 1 to 2 gallon and 2 gallon and larger) reported to avoid disclosure of individual operations. 4/Pot price less than 1 gallon. 5/Pot price 1 to 2 gallon. 6/Pot price 2 gallon and larger. 7/Not published to avoid disclosure of individual operations. Includes Pompon Chrysanthemums, Iris, Lilies, Snapdragons, Tulips and Other Cut Flowers. 8/Propagative material was confidential. 9/Equivalent wholesale value of all sales (operations under \$100,000 in sales estimated).

## 2004 WEATHER SUMMARY

January through December 2004 was the 9th wettest year in Kentucky in the past 110 years.

**January's** temperature averaged near normal despite several temperature extremes throughout the month. The new year began with highs in the lower 70's. The last weekend in January brought Kentucky its first subzero lows of the winter season. January was a month of contrasts as it started out warm and wet and ended cold and dry. Temperatures averaged 32.4 degrees across the State which was 0.6 degrees above normal and 5.5 degrees cooler than December 2003. Precipitation totaled 4.04 inches statewide which was 0.66 inches above normal.

The first week of **February** brought below normal temperatures and above normal precipitation which caused flooding in eastern parts of the Commonwealth. The last three weeks brought very little in the way of precipitation as average departures were nearly an inch below normal each week. High pressure was a main player in Kentucky weather leading conditions to be dry and mild. Temperatures averaged 37.1 degrees across the State which was 0.1 degree below normal and 4.7 degrees warmer than January. Precipitation totaled 2.59 inches statewide which was 1.18 inches below normal.

**March** began very warm and very wet as the first week had temperatures about 10 degrees above normal and precipitation over an inch above normal. The weather returned to normal during the middle of the month as temperatures remained near average. However, conditions were dry, which continued to add to the precipitation deficit for 2004. March ended with a cold and wet spell. Temperatures averaged 49.2 degrees across the State which was 3.0 degrees above normal and 12.1 degrees warmer than February. Precipitation totaled 4.20 inches statewide which was 0.40 inches below normal.

**April** was generally a wet month with temperatures right at normal for this time of year. Frost and freeze events occurred three times at the beginning, middle, and end of the month as low temperatures dropped into the lower 30's. During the second full week of April, measurable snowfall was recorded across west central areas of the State. Flooding was a problem as flood watches were issued for south central and eastern Kentucky during the third week of April. Temperatures for the period averaged 56.0 degrees which was 0.4 degrees above normal and 6.8 degrees warmer than March. Precipitation totaled 4.79 inches statewide which was 0.70 inches above normal.

**May** was an extremely warm and wet month. Temperatures started out cold as record low temperatures were recorded across eastern portions of the State. By the second week a high pressure system formed over the southeastern United States, which brought warm humid air north. The warm moist atmosphere also provided the trigger for afternoon thunderstorms nearly every day. Two separate weather events brought numerous severe thunderstorms and tornadoes to the Bluegrass State. Temperatures averaged 69.5 degrees across the State which was 5.1 degrees above normal and 13.5 degrees warmer than April. Precipitation totaled 9.02 inches statewide which was 4.03 inches above normal. May was the 3rd wettest May in 110 years of record.

**June** was a very average month, in terms of temperature and precipitation. The beginning of June was warm and wet. By mid-month air masses from Canada were able to infiltrate our region bringing cooler, drier air. The last weekend brought record low temperatures to Paducah and Jackson. Temperatures averaged 72.5 degrees across the State which was 0.0 degrees from normal and 3.0 degrees warmer than May. Rainfall totaled 4.32 inches statewide which was 0.06 inches above normal.

**July** was cooler than normal statewide. This was evident as record low temperatures were set from Paducah to Jackson late in the month. Also, several locations, including Lexington, Jackson, and London had not yet hit 90 degrees in 2004. July was beneficial for farming allowing many windows of opportunity for agricultural activities due to the cooler and wetter than normal trends. Temperatures averaged 74.7 degrees across the State which was 1.4 degrees below normal. Rainfall totaled 5.46 inches statewide which was 0.99 inches above normal.

The pattern of the cool and wet summer continued through **August**. Some locales in central and eastern Kentucky still had not reached the 90 degree mark. At the beginning of the third week record lows were set across the State as temperatures dropped into the upper 40's in some spots. Rain events were common this month, which brought the average rainfall to above normal values. Temperatures averaged 71.6 degrees across the State which was 3.4 degrees below normal. Rainfall totaled 4.31 inches statewide which was 0.70 inches above normal.

**September** temperatures averaged slightly above normal. The main weather makers were the remnants of tropical systems Frances, Ivan, and Jeanne. Just after Labor Day, rain from Frances inundated Bluegrass and Eastern Kentucky prompting flood watches and warnings. After a week of relatively dormant weather, more rain fell over the same areas due to Ivan. The last two weeks were dominated by high pressure. Rain from Jeanne skirted eastern Kentucky late in the month, but most areas remained dry. Temperatures averaged 69.1 degrees across the State which was 0.7 degrees above normal. Rainfall totaled 4.24 inches statewide which was 0.76 inches above normal.

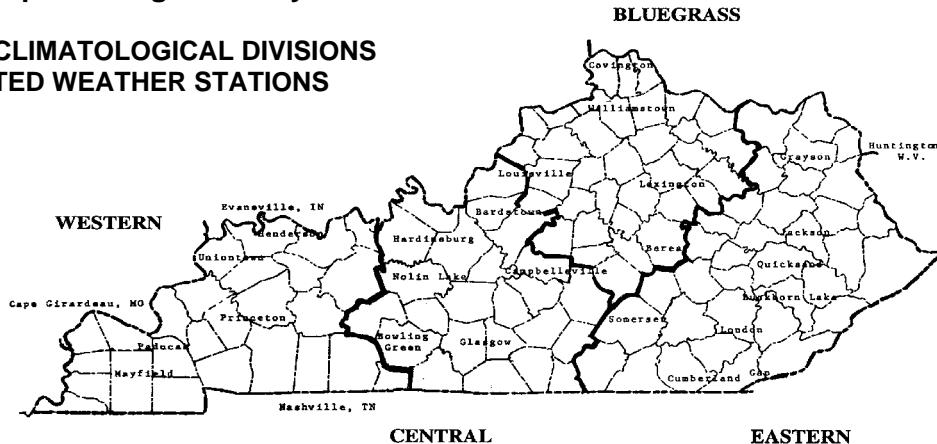
The first week of **October** was very dry across Kentucky. It was also when many areas experienced the first frost of the season as lows dropped into the middle and upper 30's. By the second week, western Kentucky finally got some decent rainfall as the remnants of tropical storm Matthew dropped about an inch of rain. The last three weeks were very wet and warm. Temperatures averaged 60.6 degrees across the State which was 4.0 degrees above normal. Rainfall for the period totaled 5.00 inches statewide which was 1.87 inches above normal.

**November** began with record high temperatures and plenty of rain. The season's first frost and freeze advisories were issued during the second week across the eastern part of the State. The first snow flurries of the season fell on Thanksgiving Day across northern and eastern Kentucky. All weeks during the month averaged above normal temperatures. Three of the four weeks averaged above normal precipitation amounts. Temperatures averaged 50.7 degrees across the State which was 4.3 degrees above normal. Precipitation totaled 5.23 inches statewide which was 1.14 inches above normal.

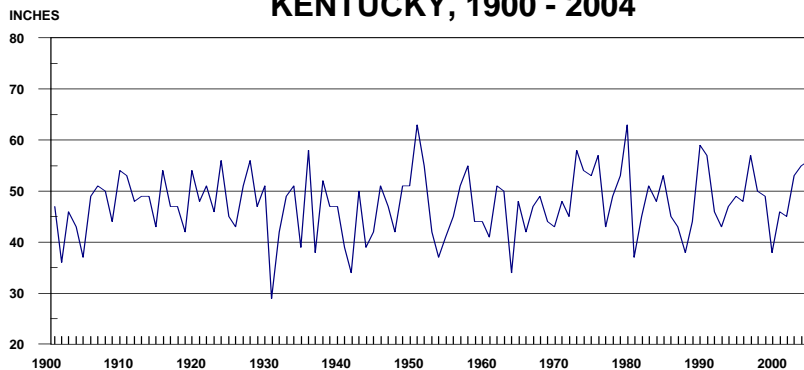
**December** began with above normal temperatures and precipitation amounts. Rain and thunderstorms continued during the second week with mild temperatures. The main weather maker was the winter storm that pounded the State a few days before Christmas. Temperatures were very cold behind the storm, dropping well below zero in many locations and setting record lows. The end of the year brought above normal temperatures, which helped begin to melt all the wintry precipitation. Temperatures averaged 36.4 degrees across the State which was 0.8 degrees below normal. Precipitation totaled 4.91 inches statewide which was 0.53 inches above normal.

Condensed version of narrative provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agricultural Weather Center. Additional Kentucky weather data are available on the internet at: <http://www.wagwx.ca.uky.edu/>

#### KENTUCKY CLIMATOLOGICAL DIVISIONS AND SELECTED WEATHER STATIONS



#### AVERAGE ANNUAL PRECIPITATION KENTUCKY, 1900 - 2004



# KENTUCKY CLIMATOLOGICAL DATA - 2004 <sup>1/</sup>

Division and Month	TEMPERATURE IN DEGREES <sup>2/</sup>				PRECIPITATION IN INCHES <sup>2/</sup>		
	Average	Departure from Normal	Highest	Lowest	Average	Departure from Normal	Most in 24 Hours
<b>WESTERN</b>							
January	35.00	1.90	77	-2	3.44	-0.02	1.50
February	37.60	0.20	69	2	2.03	-2.02	1.64
March	52.10	4.10	84	22	4.01	-0.97	3.09
April	58.00	-0.10	87	26	4.89	0.10	2.00
May	71.30	4.70	92	36	6.91	2.07	2.80
June	74.70	0.00	95	51	3.38	-0.40	1.72
July	76.60	-1.60	99	52	4.37	0.08	1.97
August	73.20	-3.40	96	45	3.82	0.19	4.17
September	70.90	0.60	96	41	0.47	-3.17	2.00
October	62.40	3.60	87	30	4.44	1.37	2.28
November	51.50	3.20	80	21	7.61	3.09	3.58
December	36.20	-1.60	67	-12	4.41	-0.27	2.10
<b>CENTRAL</b>							
January	33.70	1.30	74	-7	3.97	0.47	2.10
February	37.60	1.10	72	-7	2.84	-1.12	4.01
March	50.10	3.10	84	18	4.44	-0.42	1.91
April	56.70	0.10	88	25	5.69	1.22	2.40
May	70.20	5.20	92	30	9.86	4.77	3.30
June	73.30	0.30	94	49	3.98	-0.10	1.96
July	75.00	-1.60	99	50	5.94	0.99	2.94
August	71.60	-3.70	97	45	3.96	0.10	4.00
September	69.50	0.40	93	39	2.29	-1.56	4.60
October	61.00	3.50	86	30	4.61	1.58	5.07
November	51.30	3.90	87	23	6.32	2.05	2.88
December	36.80	-0.60	70	-6	5.28	0.61	2.49
<b>BLUEGRASS</b>							
January	31.20	0.70	70	-12	4.17	1.23	2.44
February	36.40	2.20	67	-4	2.10	-1.07	2.85
March	48.30	3.60	83	18	4.20	-0.27	2.42
April	55.30	0.90	89	26	4.00	-0.08	1.30
May	69.20	5.80	90	32	8.84	4.17	3.36
June	72.00	0.60	92	48	3.42	-0.39	1.63
July	74.00	-1.20	93	54	7.20	2.46	3.17
August	71.30	-2.70	95	47	4.06	0.26	1.92
September	69.20	1.40	92	41	3.66	0.25	3.60
October	59.00	2.80	81	32	6.38	3.52	4.20
November	49.90	3.90	85	21	5.97	2.37	2.75
December	36.20	0.50	72	-3	3.41	-0.40	2.30
<b>EASTERN</b>							
January	32.60	0.30	71	-6	4.06	0.49	1.54
February	36.10	0.30	70	-6	3.88	0.29	4.33
March	47.90	2.20	83	13	4.42	-0.02	2.40
April	54.60	-0.10	92	20	4.29	0.28	1.80
May	68.00	4.80	94	23	7.92	3.29	4.00
June	70.60	-0.30	94	45	4.87	0.87	3.01
July	73.20	-1.40	96	53	5.44	0.44	2.90
August	70.30	-3.40	94	46	4.44	0.48	3.62
September	67.50	0.10	91	40	7.72	4.17	4.50
October	58.80	3.00	81	27	4.26	1.17	2.31
November	50.00	3.80	85	21	4.02	0.13	2.46
December	36.50	-0.30	80	-2	5.05	0.90	2.43
<b>STATE 3/</b>	56.76	1.09	99	-12	56.69	8.30	5.07

<sup>1/</sup>Furnished by National Climatic Data Center from Monthly Summarized Station and Divisional Data. <sup>2/</sup>All measurements are plus unless otherwise indicated. <sup>3/</sup>Derived from four Climatological Divisions.

# CROP GROWING SEASON PRECIPITATION – 2004

MONTHLY TOTALS, 2004 AND 30-YEAR AVERAGE, SELECTED WEATHER STATIONS AND AGRICULTURAL STATISTICS DISTRICTS 1/

STATION	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		SEASON	
	AVG	2004	AVG	2004	AVG	2004	AVG	2004	AVG	2004	AVG	2004	AVG	2004
<b>DISTRICT 1</b>														
Cadiz	4.89	6.90	5.11	7.72	4.34	3.79	4.73	4.93	3.31	3.15	3.52	0.23	25.90	26.72
Hopkinsville	4.38	5.77	5.15	7.38	3.76	3.05	4.05	6.79	3.33	4.16	3.47	0.88	24.14	28.03
Mayfield	4.87	3.65	5.42	5.54	4.05	4.10	4.37	3.18	3.27	4.11	3.40	0.00	25.38	20.58
Murray	5.09	5.81	5.39	6.36	4.85	5.32	4.50	3.48	3.46	5.82	3.64	0.27	26.93	27.06
Paducah	4.95	3.94	4.75	5.73	4.51	4.17	4.45	1.75	2.99	1.57	3.56	0.02	25.21	17.18
<b>AVERAGE</b>	<b>4.84</b>	<b>5.21</b>	<b>5.16</b>	<b>6.55</b>	<b>4.30</b>	<b>4.09</b>	<b>4.42</b>	<b>4.03</b>	<b>3.27</b>	<b>3.76</b>	<b>3.52</b>	<b>0.28</b>	<b>25.51</b>	<b>23.91</b>
<b>DISTRICT 2</b>														
Franklin	4.14	7.14	5.22	7.00	4.55	2.94	4.42	5.84	2.92	3.54	3.68	1.86	24.93	28.32
Henderson	4.51	2.69	4.90	8.52	4.05	1.35	3.77	3.29	2.95	5.62	3.34	0.00	23.52	21.47
Madisonville	4.85	6.18	4.95	6.52	3.80	3.13	4.21	5.92	3.23	2.88	3.36	0.08	24.40	24.71
Princeton	4.70	5.28	5.01	7.34	4.06	3.40	4.52	4.87	3.56	3.02	3.28	0.00	25.13	23.91
Rochester Ferry	4.16	4.36	4.84	10.12	3.83	3.21	4.15	5.73	3.27	2.51	3.68	0.36	23.93	26.29
Russellville	3.88	5.69	5.65	7.54	4.75	1.04	3.70	5.56	3.14	4.41	3.80	4.06	24.92	28.30
Seabee	4.32	3.71	4.60	8.15	3.78	2.11	3.91	4.21	2.79	4.16	3.30	0.13	22.70	22.47
<b>AVERAGE</b>	<b>4.37</b>	<b>5.01</b>	<b>5.02</b>	<b>7.88</b>	<b>4.12</b>	<b>2.45</b>	<b>4.10</b>	<b>5.06</b>	<b>3.12</b>	<b>3.73</b>	<b>3.49</b>	<b>0.93</b>	<b>24.22</b>	<b>25.07</b>
<b>DISTRICT 3</b>														
Albany	4.21	5.05	5.27	5.80	4.81	3.37	4.28	7.60	3.87	3.48	3.80	5.53	26.24	30.83
Bardstown	4.42	4.88	5.28	12.36	4.60	3.39	4.81	8.50	3.43	2.87	3.64	2.31	26.18	34.31
Bowling Green	4.19	7.54	5.38	9.41	4.38	5.35	4.37	5.96	3.42	4.96	4.07	1.44	25.81	34.66
Bradfordville	4.46	4.82	5.36	8.96	4.65	5.17	4.66	5.98	3.79	5.34	3.85	3.69	26.77	33.96
Glendale	4.19	5.60	4.83	12.31	3.99	4.79	4.37	9.03	3.27	5.22	3.98	1.64	24.63	38.59
Greensburg	4.27	5.20	5.68	9.52	4.87	4.20	4.63	4.34	3.96	3.47	4.03	3.32	27.44	30.05
Leitchfield	4.25	4.81	4.91	9.73	4.01	3.73	4.88	4.60	3.56	2.29	3.67	1.30	25.28	26.46
Louisville	3.91	4.33	4.88	9.50	3.76	1.44	4.30	6.38	3.41	3.28	3.05	0.09	23.31	25.02
Scottsville	4.20	6.63	5.51	7.80	4.70	3.71	4.11	6.82	3.46	3.72	4.07	3.22	26.05	31.90
Shepherdsville	4.09	3.02	4.66	10.23	4.41	4.88	4.06	5.28	3.47	4.36	2.94	0.10	23.63	27.87
Summer Shade	3.82	6.15	4.98	7.97	4.43	5.58	4.34	6.01	3.43	1.87	3.81	6.48	24.81	34.06
<b>AVERAGE</b>	<b>4.18</b>	<b>5.28</b>	<b>5.16</b>	<b>9.42</b>	<b>4.42</b>	<b>4.15</b>	<b>4.44</b>	<b>6.41</b>	<b>3.55</b>	<b>3.71</b>	<b>3.72</b>	<b>2.65</b>	<b>25.47</b>	<b>31.61</b>
<b>DISTRICT 4</b>														
Covington	3.96	4.50	4.59	6.85	4.42	2.93	3.75	6.14	3.79	3.51	2.82	1.53	23.33	25.46
Crestwood	4.01	4.26	5.04	13.61	4.48	1.24	4.74	10.85	4.09	3.46	3.00	0.18	25.36	33.60
Falmouth	3.72	3.47	4.62	8.33	4.36	3.55	4.63	5.64	3.81	1.95	3.10	2.39	24.24	25.33
Warsaw Markland	4.23	3.98	4.72	8.55	4.83	1.65	3.94	6.44	3.80	2.61	3.09	0.65	24.61	23.88
Williamstown	4.23	3.17	4.72	7.70	4.42	2.01	4.02	5.71	3.99	2.70	3.17	*4.01	24.55	25.30
<b>AVERAGE</b>	<b>4.03</b>	<b>3.88</b>	<b>4.74</b>	<b>9.01</b>	<b>4.50</b>	<b>2.28</b>	<b>4.22</b>	<b>6.96</b>	<b>3.90</b>	<b>2.85</b>	<b>3.04</b>	<b>1.75</b>	<b>24.42</b>	<b>26.71</b>
<b>DISTRICT 5</b>														
Cynthiana	3.94	3.89	4.59	10.12	4.18	3.62	3.99	6.84	3.40	2.50	2.92	5.34	23.02	32.31
Danville	3.98	4.22	4.94	6.19	4.77	3.40	4.83	7.02	3.40	4.83	3.29	5.08	25.21	30.74
Dix Dam	3.81	2.71	4.68	10.00	4.29	1.38	4.56	3.37	3.85	3.93	3.09	3.15	24.28	24.54
Farmers	3.91	4.34	4.86	9.57	4.55	5.86	5.60	5.74	3.78	6.86	3.23	8.10	25.93	40.47
Frankfort	3.23	4.42	4.36	9.65	4.91	3.04	4.92	5.20	3.88	3.92	3.40	2.79	24.70	29.02
Lexington	3.67	3.73	4.78	10.91	4.58	5.05	4.80	8.68	3.77	4.06	3.11	3.22	24.71	35.65
Maysville	3.94	4.03	4.87	9.38	3.98	*4.46	4.45	1.82	3.79	1.70	3.16	2.27	24.19	23.66
Springfield	3.88	4.24	5.11	10.10	4.40	3.62	4.28	7.54	3.63	5.46	3.83	3.15	25.13	34.11
Taylorsville	3.95	5.20	4.66	9.20	4.49	5.20	4.53	5.90	3.20	3.10	2.94	1.70	23.77	30.30
<b>AVERAGE</b>	<b>3.81</b>	<b>4.09</b>	<b>4.76</b>	<b>9.46</b>	<b>4.46</b>	<b>3.96</b>	<b>4.66</b>	<b>5.79</b>	<b>3.63</b>	<b>4.04</b>	<b>3.22</b>	<b>3.87</b>	<b>24.55</b>	<b>31.20</b>
<b>DISTRICT 6</b>														
Ashland	3.33	5.62	4.47	6.25	4.02	2.32	4.68	2.18	3.73	6.94	2.83	6.98	23.06	30.29
Barbourville	4.15	3.83	5.42	*8.92	4.42	*3.60	4.66	6.38	4.13	4.49	3.65	7.09	26.43	34.31
Baxter	4.18	3.98	5.28	6.56	4.51	3.66	4.62	3.53	4.36	4.76	3.22	8.74	26.17	31.23
Grayson	3.43	4.73	4.50	5.78	4.15	3.09	4.87	4.07	3.53	7.57	2.63	8.69	23.11	33.93
Hazard	4.09	4.02	5.16	10.57	4.67	5.14	4.59	3.90	4.24	4.78	3.55	6.53	26.30	34.94
Jackson	3.79	4.01	5.16	10.78	4.67	6.18	4.59	7.02	4.13	2.39	3.77	7.55	26.11	37.93
London	4.01	3.78	4.69	10.60	4.24	4.79	4.39	5.81	3.36	4.27	3.37	8.50	24.06	37.75
Monticello	4.24	5.00	5.15	6.12	4.41	5.25	4.42	3.02	3.82	5.05	3.72	6.31	25.76	30.75
Morehead State	3.55	3.54	4.44	7.75	4.11	4.03	4.97	2.41	3.15	5.27	2.81	7.84	23.03	30.84
Mount Vernon	4.18	4.93	5.56	7.76	4.77	5.00	4.64	5.94	3.94	4.20	3.79	7.24	26.88	35.07
Paintsville	3.55	3.68	4.54	6.69	4.24	4.48	4.51	5.17	3.88	3.56	3.43	7.79	24.15	31.37
Somerseset	4.23	3.96	5.38	6.84	4.87	3.78	4.46	3.81	3.74	4.35	3.66	5.72	26.34	28.46
Stearns	3.65	4.43	5.35	6.36	4.55	5.22	4.34	4.28	3.71	5.67	3.93	7.13	25.53	33.09
<b>AVERAGE</b>	<b>3.88</b>	<b>4.27</b>	<b>5.01</b>	<b>7.77</b>	<b>4.43</b>	<b>4.35</b>	<b>4.60</b>	<b>4.42</b>	<b>3.82</b>	<b>4.87</b>	<b>3.41</b>	<b>7.39</b>	<b>25.15</b>	<b>33.07</b>
<b>STATE AVERAGE</b>	<b>4.18</b>	<b>4.62</b>	<b>4.98</b>	<b>8.35</b>	<b>4.37</b>	<b>3.55</b>	<b>4.40</b>	<b>5.44</b>	<b>3.55</b>	<b>3.83</b>	<b>3.40</b>	<b>2.81</b>	<b>24.89</b>	<b>28.60</b>

1/Individual station averages 1971-2000. District and State averages computed. \*Estimated from surrounding stations.

# SPRING FREEZE DATE PROBABILITIES <sup>1/</sup>

## Last Occurrence

District & Station	Earliest	90%	50%	10%	Latest
<b>WESTERN</b>					
Beaver Dam	March 25	April 2	April 12	April 30	May 5
Golden Pond	March 18	March 23	April 6	April 20	April 23
Henderson	March 23	March 26	April 10	April 22	April 23
Hopkinsville <u>2/</u>	March 23	March 29	April 11	April 23	May 5
Lovelandville	March 25	April 1	April 11	April 27	May 9
Madisonville	March 11	March 29	April 10	April 24	May 5
Mayfield	March 24	April 3	April 13	April 25	May 5
Owensboro <u>2/</u>	March 24	March 25	April 10	April 23	May 5
Paducah	March 7	March 24	April 9	April 22	April 29
Princeton	March 24	April 1	April 10	April 26	May 5
<b>CENTRAL</b>					
Bowling Green	March 24	March 26	April 10	April 23	May 5
Campbellsville <u>2/</u>	March 27	March 31	April 13	April 30	May 11
Glasgow	March 28	April 6	April 14	April 30	May 5
Greensburg	March 30	April 5	April 16	April 29	May 5
Leitchfield	April 2	April 8	April 24	May 8	May 16
Louisville	March 22	March 24	April 8	April 21	May 5
Mammoth Cave	March 29	April 6	April 25	May 12	May 16
Scottsville	March 23	March 28	April 10	April 20	April 23
<b>BLUEGRASS</b>					
Berea College	March 25	March 28	April 10	May 3	May 16
Carrollton	March 30	April 7	April 19	May 4	May 7
Covington	March 29	April 5	April 21	May 9	May 16
Danville	March 24	March 31	April 10	April 24	May 6
Dix Dam	February 28	March 30	April 10	April 25	May 8
Falmouth <u>2/</u>	April 3	April 9	April 24	May 10	May 18
Farmers	March 30	April 8	April 25	May 11	May 18
Frankfort	March 31	April 3	April 17	May 4	May 8
Lexington	March 27	April 2	April 13	April 28	May 5
Maysville	March 27	April 8	April 22	May 7	May 10
Shelbyville	April 8	April 11	April 29	May 14	May 18
Williamstown	March 27	April 4	April 11	April 28	May 7
<b>EASTERN</b>					
Ashland	April 11	April 13	May 4	May 20	June 12
Barbourville	March 26	April 11	April 24	May 8	May 10
Baxter	April 1	April 8	April 20	May 7	May 13
London	March 22	April 3	April 18	May 4	May 20
Manchester	April 10	April 20	May 3	May 17	May 27
Middlesboro <u>2/</u>	April 8	April 14	May 1	May 11	May 18
Mount Vernon	April 1	April 8	April 25	May 10	May 16
Somerset	March 25	April 9	April 23	May 7	May 16
Williamsburg	March 29	April 6	April 23	May 7	May 12

<sup>1/</sup>Data are normals from the 1971 – 2000 period with the average date of the last temperatures of 32 degrees or lower being shown in the 50 percent column. All freeze data are based on temperatures at approximately 5 feet above ground and in a representative exposure. Information provided by University of Kentucky Agricultural Weather Center. 2/Station had missing data and was estimated from surrounding stations.

# FALL FREEZE DATE PROBABILITIES <sup>1/</sup>

## First Occurrence

District & Station	Earliest	10%	50%	90%	Latest
<b>WESTERN</b>					
Beaver Dam	Sept. 23	Oct. 4	Oct. 22	Nov. 7	Nov. 12
Golden Pond	Oct. 7	Oct. 15	Oct. 27	Nov. 13	Nov. 17
Henderson	Oct. 3	Oct. 8	Oct. 22	Nov. 13	Nov. 23
Hopkinsville <u>2/</u>	Sept. 21	Oct. 3	Oct. 18	Nov. 7	Nov. 13
Lovelandville	Sept. 22	Oct. 3	Oct. 19	Nov. 4	Nov. 7
Madisonville	Oct. 3	Oct. 5	Oct. 21	Nov. 7	Nov. 12
Mayfield	Oct. 3	Oct. 7	Oct. 22	Nov. 6	Nov. 13
Owensboro <u>2/</u>	Oct. 3	Oct. 5	Oct. 21	Nov. 9	Nov. 13
Paducah	Oct. 3	Oct. 7	Oct. 23	Nov. 12	Nov. 13
Princeton	Oct. 3	Oct. 6	Oct. 21	Nov. 6	Nov. 13
<b>CENTRAL</b>					
Bowling Green	Oct. 3	Oct. 7	Oct. 21	Nov. 8	Nov. 13
Campbellsville <u>2/</u>	Oct. 3	Oct. 5	Oct. 22	Nov. 13	Dec. 2
Glasgow	Oct. 3	Oct. 7	Oct. 20	Nov. 8	Nov. 13
Greensburg	Oct. 3	Oct. 5	Oct. 22	Nov. 5	Nov. 10
Leitchfield	Sept. 30	Oct. 3	Oct. 17	Nov. 6	Nov. 8
Louisville	Oct. 3	Oct. 17	Nov. 3	Nov. 13	Nov. 25
Mammoth Cave	Sept. 24	Oct. 3	Oct. 15	Oct. 26	Nov. 8
Scottsville	Oct. 7	Oct. 12	Oct. 27	Nov. 14	Nov. 23
<b>BLUEGRASS</b>					
Berea College	Sept. 24	Oct. 7	Oct. 22	Nov. 13	Nov. 21
Carrollton	Oct. 3	Oct. 8	Oct. 20	Nov. 4	Nov. 8
Covington	Sept. 30	Oct. 4	Oct. 19	Oct. 31	Nov. 8
Danville	Oct. 3	Oct. 17	Oct. 28	Nov. 12	Nov. 20
Dix Dam	Oct. 3	Oct. 11	Oct. 29	Nov. 14	Nov. 21
Falmouth <u>2/</u>	Sept. 9	Sept. 24	Oct. 15	Nov. 4	Nov. 7
Farmers	Sept. 24	Oct. 2	Oct. 17	Nov. 4	Nov. 8
Frankfort	Oct. 3	Oct. 4	Oct. 21	Nov. 5	Nov. 13
Lexington	Oct. 2	Oct. 8	Oct. 25	Nov. 9	Nov. 13
Maysville	Oct. 3	Oct. 4	Oct. 20	Nov. 5	Nov. 8
Shelbyville	Sept. 20	Sept. 23	Oct. 5	Oct. 29	Nov. 19
Williamstown	Sept. 30	Oct. 4	Oct. 20	Nov. 5	Nov. 10
<b>EASTERN</b>					
Ashland	Sept. 23	Sept. 27	Oct. 12	Nov. 3	Jan. 1
Barbourville	Oct. 3	Oct. 9	Oct. 22	Nov. 5	Nov. 13
Baxter	Oct. 3	Oct. 9	Oct. 23	Nov. 6	Nov. 13
London	Sept. 23	Oct. 3	Oct. 13	Nov. 3	Nov. 13
Manchester	Sept. 23	Sept. 27	Oct. 14	Nov. 4	Nov. 7
Middlesboro <u>2/</u>	Oct. 3	Oct. 4	Oct. 18	Nov. 6	Nov. 14
Mount Vernon	Oct. 2	Oct. 3	Oct. 13	Oct. 27	Nov. 4
Somerset	Sept. 27	Oct. 3	Oct. 15	Oct. 29	Nov. 5
Williamsburg	Sept. 30	Oct. 5	Oct. 19	Nov. 7	Nov. 13

<sup>1/</sup>Data are normals from the 1971 – 2000 period with the average date of the last temperatures of 32 degrees or lower being shown in the 50 percent column. All freeze data are based on temperatures at approximately 5 feet above ground and in a representative exposure. Information provided by University of Kentucky Agricultural Weather Center. 2/Station had missing data and was estimated from surrounding stations.



## EQUIVALENT TEMPERATURE

During the summer and winter months many decisions are made which depend upon the temperatures and the extremes which might be expected. Not only do we dress according to the thermometer, but we use it to anticipate the feed requirements and care of livestock. If we have to be out-of-doors, as is the case with children who have to stand waiting for a school bus, we soon find that the temperature alone gives too little information. Should the temperature be zero with a light wind, we would not be as cold as with a strong wind. Thus if we have an idea of how much wind increases the chilling effect of temperature on the human body, we can get a better estimate of how "cold" it really is. Humidity along with summer temperatures can cause fatigue or heat stroke. The apparent temperature gives us a better estimate of how "hot" it really is.

### APPARENT TEMPERATURE CHART

Rel Humid %	Air Temperature (Degrees Fahrenheit)					
	85	90	95	100	105	110
20	82	87	93	99	105	112
30	84	90	96	104	113	123
40	86	93	101	110	123	137
50	88	96	107	120	135	150
60	90	100	114	132	149	
70	93	106	124	144		
80	97	113	130			
90	102	122				
100	108					

CATEGORY	APPARENT TEMP	HEAT SYMPTOMS
I	> 130 degrees	Heatstroke imminent
II	105 to 130 degrees	Sunstroke likely, heatstroke possible
III	90 to 105 degrees	Sunstroke possible
IV	80 to 90 degrees	Fatigue possible

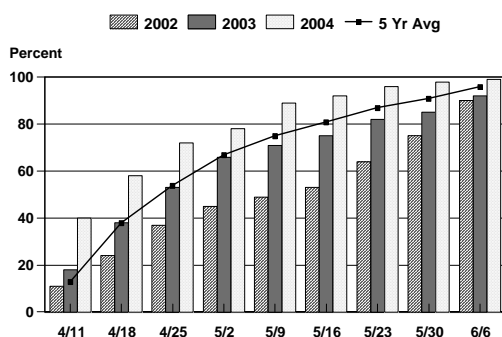
### WIND CHILL CHART

Wind Speed MPH	Air Temperature (Degrees Fahrenheit)																
	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47	-54
10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70	-77
15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	-78	-85	-90
20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	-81	-88	-96	-103
25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	-83	-89	-96	-104	-112
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	-78	-87	-94	-101	-109	-117
35	3	-4	-13	-20	-27	-35	-43	-52	-60	-67	-72	-83	-90	-98	-105	-113	-123
40	1	-4	-15	-22	-29	-36	-45	-54	-62	-69	-76	-87	-94	-101	-107	-116	-128
45	1	-6	-17	-24	-31	-38	-46	-54	-63	-70	-78	-87	-94	-101	-108	-118	-128
50	0	-7	-17	-24	-31	-38	-47	-56	-63	-70	-79	-88	-96	-103	-110	-120	-128

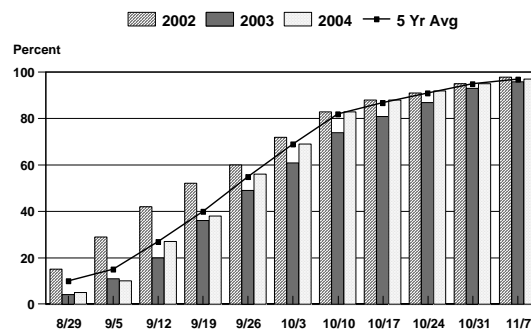
### WIND CHILL (Equivalent Temperature)

# CROP PROGRESS - 2002, 2003, 2004 & 5 YEAR AVERAGE

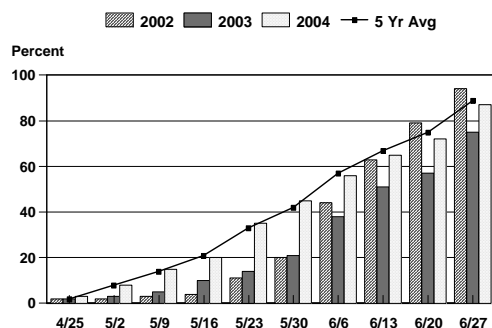
## CORN PLANTING PROGRESS



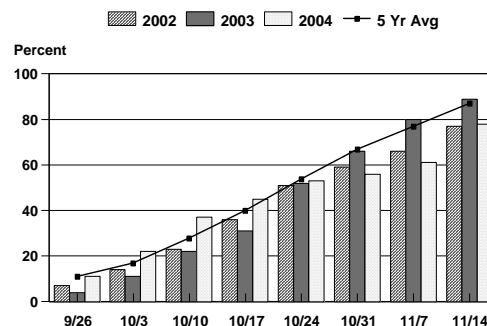
## CORN HARVESTED PROGRESS



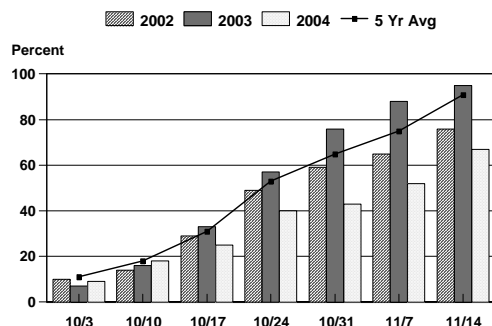
## SOYBEAN PLANTING PROGRESS



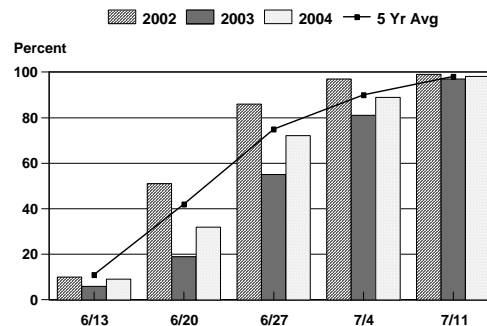
## SOYBEAN HARVESTED PROGRESS



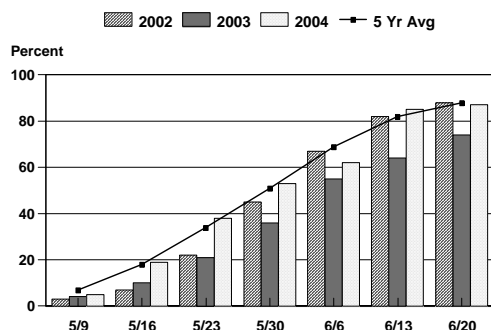
## WHEAT SEEDING PROGRESS



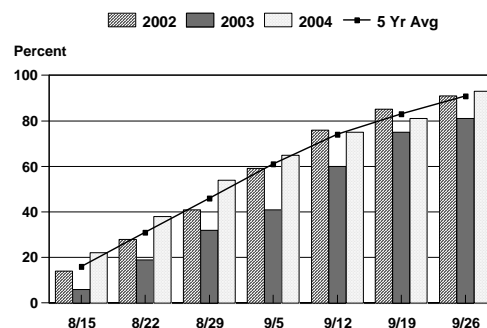
## WHEAT HARVESTED PROGRESS



## BURLEY TOBACCO SET PROGRESS



## BURLEY TOBACCO CUT PROGRESS



## KENTUCKY STOCKS OF GRAIN BY QUARTER 2001 – 2005

Year	OFF FARMS <u>1/</u>				TOTAL STOCKS <u>2/</u>			
	P-Dec 1	Mar 1	June 1	Sept 1	P-Dec 1	Mar 1	June 1	Sept 1
(1,000 Bushels)								
<b>CORN <u>3/</u></b>								
2001	26,969	21,004	10,830	4,278	109,969	63,004	28,830	10,078
2002	27,520	23,755	12,768	5,171	109,520	62,755	30,268	11,171
2003	22,760	18,364	11,798	3,810	81,760	41,364	21,798	6,310
2004	23,997	21,483	12,895	4,360	88,997	51,483	24,395	8,060
<b>2005</b>	<b>22,967</b>	<b>20,887</b>	<b>14,157</b>		<b>102,967</b>	<b>61,887</b>	<b>33,657</b>	
<b>ALL WHEAT <u>4/</u></b>								
2001	7,204	5,276	3,428	10,090	*	*	*	*
2002	6,391	3,849	2,158	7,766	*	*	*	*
2003	4,628	2,812	2,030	8,162	*	*	*	*
2004	6,034	3,933	2,198	9,771	*	*	*	*
<b>2005</b>	<b>7,334</b>	<b>6,335</b>	<b>5,014</b>		*	*	*	
<b>SOYBEANS <u>3/</u></b>								
2001	9,200	7,067	2,538	2,406	*	*	*	*
2002	9,885	7,823	4,861	<u>5/</u>	*	*	*	*
2003	9,292	6,677	3,913	<u>5/</u>	*	*	*	*
2004	11,683	6,944	<u>5/</u>	<u>5/</u>	*	*	*	*
<b>2005</b>	<b>11,088</b>	<b>4,887</b>	1,641		*	*	*	

## U.S. STOCKS OF GRAIN BY QUARTER 2001 – 2005

Year	OFF FARMS <u>1/</u>				TOTAL STOCKS <u>2/</u>			
	P-Dec 1	Mar 1	June 1	Sept 1	P-Dec 1	Mar 1	June 1	Sept 1
(1,000 Bushels)								
<b>CORN <u>3/</u></b>								
2001	2,979,634	2,442,999	1,693,158	1,145,958	8,529,634	6,042,999	3,923,958	1,899,108
2002	2,989,715	2,440,263	1,576,290	1,009,626	8,264,715	5,795,263	3,596,890	1,596,426
2003	2,837,971	2,191,873	1,364,718	601,773	7,637,971	5,131,873	2,984,918	1,086,673
2004 <u>6/</u>	2,667,775	2,241,459	1,430,140	520,091	7,953,775	5,271,459	2,970,140	958,091
<b>2005</b>	<b>3,306,598</b>	<b>2,618,261</b>	<b>1,857,657</b>		<b>9,450,598</b>	<b>6,755,261</b>	<b>4,319,957</b>	
<b>ALL WHEAT <u>4/</u></b>								
2001	1,182,705	953,648	678,912	1,458,964	1,806,125	1,338,398	876,182	2,155,814
2002	1,105,565	871,268	560,282	1,170,787	1,623,455	1,209,768	777,112	1,748,987
2003	935,069	670,333	359,306	1,351,652	1,319,869	906,633	491,416	2,038,972
2004 <u>6/</u>	1,028,359	762,727	414,559	1,147,807	1,520,284	1,020,617	546,439	1,938,407
<b>2005</b>	<b>899,306</b>	<b>679,681</b>	<b>378,566</b>		<b>1,430,326</b>	<b>984,391</b>	<b>539,841</b>	
<b>SOYBEANS <u>3/</u></b>								
2001	1,022,991	623,908	343,180	164,247	2,239,991	1,403,908	708,180	247,747
2002	1,035,618	648,987	383,721	145,361	2,275,618	1,335,987	684,921	208,061
2003	943,373	565,528	329,862	120,329	2,115,373	1,202,028	602,362	178,329
2004 <u>6/</u>	868,653	549,947	300,604	83,014	1,688,653	905,847	410,604	112,414
<b>2005</b>	<b>1,004,640</b>	<b>586,364</b>	<b>343,544</b>		<b>2,304,640</b>	<b>1,381,364</b>	<b>699,644</b>	

1/Includes stocks at mills, elevators, warehouses, terminals, and processors. 2/Includes on farm and off farm stocks. 3/Marketing year runs from September 1 to August 31. 4/Marketing year runs from June 1 to May 31. 5/Confidential. 6/Revised. \* No estimate published (Kentucky included in unallocated U.S. total for on-farm wheat and on-farm soybeans). (P-Dec 1) Previous year.

## OFF-FARM AND ON-FARM GRAIN STORAGE CAPACITY

Capacity of off-farm commercial grain storage totaled 8.50 billion bushels in the United States on December 1, 2004, down fractionally from December 1, 2003. Nineteen States showed decreases from a year earlier, 11 States recorded increases in capacity, 11 States were unchanged.

Illinois continued to lead all States in off-farm storage capacity, followed by Iowa, Kansas, Nebraska and Texas. These five States accounted for 52 percent of the Nation's off-farm storage capacity on December 1, 2004. Kentucky ranks 23rd among States reporting capacity, with 63.0 million bushels.

U.S. off-farm storage facilities totaled 9,602 on December 1, 2004, down 2 percent from December 1, 2003. Kentucky ranks 17th, tied with North Carolina with 195 facilities, a decrease of 5 facilities from December 1, 2003.

The United States on-farm storage capacity totaled 11.2 billion bushels on December 1, 2004, up 1 percent from December 1, 2003. Kentucky on-farm grain storage capacity totaled 170 million bushels, up 6 percent from December 1, 2003.

### KENTUCKY OFF-FARM & ON-FARM GRAIN STORAGE CAPACITY, DECEMBER 1, 1995 – 2004

DATE	Off-Farm Storage		On-Farm Storage
	Number of Facilities	Rated Storage Capacity	Rated Storage Capacity
(December 1)		(1,000 Bu.)	(1,000 Bu.)
1995	236	55,510	170,000
1996	233	57,820	190,000
1997	229	59,250	180,000
1998	218	58,870	180,000
1999	217	59,200	170,000
2000	197	58,030	170,000
2001	191	58,650	160,000
2002	200	61,500	150,000
2003	200	62,500	160,000
<b>2004</b>	<b>195</b>	<b>63,000</b>	<b>170,000</b>

### SELECTED STATES OFF-FARM & ON-FARM GRAIN STORAGE CAPACITY DECEMBER 1, 2003 – 2004

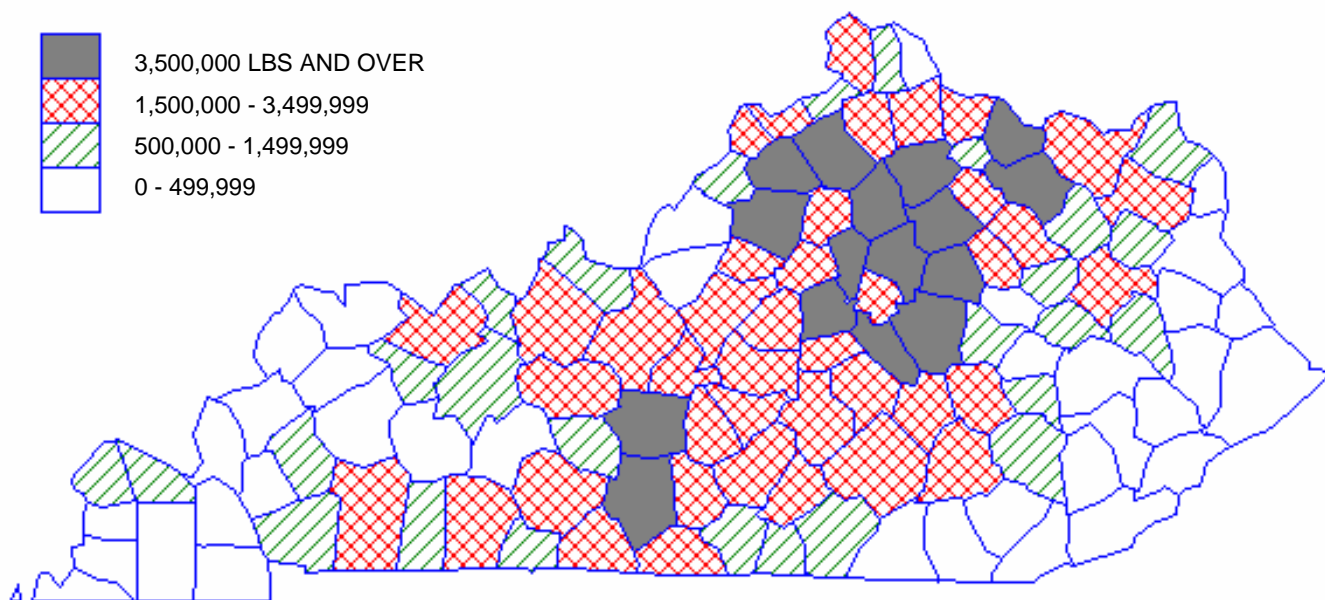
STATE	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity		Rated On-Farm Storage Capacity	
	2003 <sup>1/</sup>	2004	2003 <sup>1/</sup>	2004	2003 <sup>1/</sup>	2004
			(1,000 Bu.)		(1,000 Bu.)	
Illinois	970	960	1,151,400	1,154,800	1,200,000	1,200,000
Indiana	415	410	364,400	364,400	680,000	690,000
<b>KENTUCKY</b>	<b>200</b>	<b>195</b>	<b>62,500</b>	<b>63,000</b>	<b>160,000</b>	<b>170,000</b>
Missouri	396	388	219,200	215,600	420,000	420,000
Ohio	448	440	359,320	357,230	410,000	420,000
Tennessee	204	196	58,415	57,975	65,000	65,000
U.S.	9,792	9,602	8,504,123	8,503,901	11,025,000	11,190,000

<sup>1/</sup>Revised. Off-farm capacity data includes all elevators, warehouses, terminals, merchant mills, other storage and oilseed crushers which store grain, soybeans, sunflower seeds, or flaxseed. On-farm capacity data includes all bins, cribs, sheds, and other structures normally used to store whole grains or oilseeds located on farms.

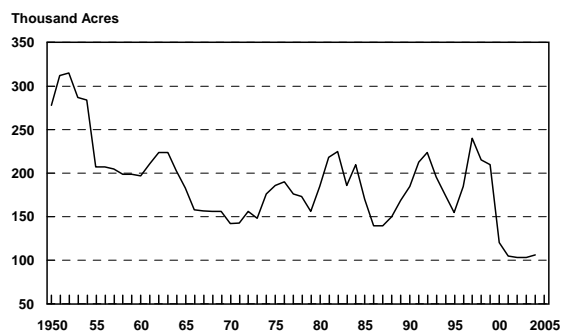
# BURLEY TOBACCO COUNTY ESTIMATES – 2004

District and County	Acres Harv.	Yield Harv. Acre	Production	District and County	Acres Harv.	Yield Harv. Acre	Production
			(Pounds)				(Pounds)
Ballard	620	2,070	1,284,500	Anderson	780	2,105	1,640,300
Calloway	120	2,165	260,000	Bath	1,740	1,920	3,342,700
Carlisle	110	2,375	261,300	Bourbon	2,930	1,925	5,645,900
Graves	190	2,295	436,000	Boyle	1,070	1,910	2,041,600
Hickman	11	1,910	21,000	Clark	1,750	2,005	3,506,600
Lyon	110	2,120	233,400	Fayette	2,570	1,940	4,980,100
McCracken	285	1,805	515,000	Fleming	2,180	1,675	3,655,000
Marshall	91	1,900	173,000	Franklin	1,340	1,960	2,629,000
Trigg	390	2,170	846,500	Garrard	1,770	2,135	3,781,600
Other Counties	5	1,760	8,800	Harrison	2,280	2,060	4,697,100
<b>DISTRICT 1</b>	1,932	2,090	4,039,500	Jessamine	1,570	2,075	3,258,300
				Lincoln	1,640	1,940	3,183,200
Caldwell	250	2,240	560,500	Madison	2,690	1,970	5,293,000
Christian	1,320	2,390	3,156,200	Mason	2,350	2,000	4,696,500
Daviess	1,520	2,265	3,443,000	Mercer	1,690	2,140	3,619,000
Hancock	605	2,025	1,225,500	Montgomery	1,620	1,930	3,130,300
Henderson	180	2,305	415,100	Nicholas	1,570	1,890	2,970,000
Hopkins	82	2,120	173,900	Robertson	680	1,860	1,266,400
Logan	720	2,325	1,673,400	Scott	2,230	2,275	5,074,200
McLean	360	1,995	718,700	Shelby	2,700	2,245	6,057,400
Muhlenberg	225	2,090	470,300	Spencer	1,070	1,900	2,032,900
Ohio	580	1,920	1,112,200	Washington	1,620	2,095	3,391,000
Simpson	455	2,130	969,100	Woodford	2,340	2,130	4,986,300
Todd	540	2,305	1,244,400	<b>DISTRICT 5</b>	42,180	2,010	84,878,400
Webster	75	1,885	141,200				
Other Counties	11	1,875	20,600	Boyd	20	1,340	26,800
<b>DISTRICT 2</b>	6,923	2,215	15,324,100	Breathitt	350	1,405	492,000
				Carter	1,030	1,815	1,867,000
Adair	1,210	1,840	2,223,600	Clay	830	1,465	1,214,200
Allen	890	1,975	1,759,800	Elliott	605	1,670	1,010,500
Barren	2,920	1,955	5,705,800	Estill	405	1,615	654,500
Breckinridge	1,870	1,785	3,337,400	Greenup	545	1,595	868,500
Bullitt	290	1,640	475,000	Jackson	900	1,775	1,598,500
Butler	210	1,920	402,900	Johnson	200	1,305	261,000
Casey	1,570	1,780	2,791,800	Knox	265	1,475	390,500
Clinton	655	1,765	1,155,700	Laurel	1,190	1,705	2,029,500
Cumberland	705	1,695	1,193,400	Lawrence	230	1,520	350,000
Edmonson	410	1,990	815,800	Lee	165	1,830	302,000
Grayson	1,000	1,935	1,936,800	Leslie	24	1,385	33,200
Green	1,610	1,920	3,092,800	Lewis	1,410	1,810	2,554,000
Hardin	1,050	1,945	2,044,500	McCreary	17	1,440	24,500
Hart	2,230	2,010	4,486,000	Magoffin	545	1,225	667,300
Jefferson	140	1,865	260,900	Menifee	455	1,710	777,500
Larue	840	1,835	1,542,700	Morgan	1,170	1,370	1,604,500
Marion	1,490	1,995	2,969,100	Owsley	470	1,340	630,500
Meade	400	1,880	752,100	Perry	23	1,430	32,900
Metcalfe	1,500	1,830	2,742,900	Powell	305	1,535	467,500
Monroe	1,070	1,810	1,938,000	Pulaski	1,640	2,050	3,358,000
Nelson	1,160	2,000	2,320,500	Rockcastle	815	1,855	1,511,500
Russell	870	1,910	1,660,500	Rowan	400	1,690	676,600
Taylor	1,270	1,940	2,466,900	Wayne	750	1,745	1,310,500
Warren	1,330	2,170	2,885,200	Whitley	190	1,625	309,000
<b>DISTRICT 3</b>	26,690	1,910	50,960,100	Wolfe	600	1,440	862,500
				Other Counties	11	1,390	15,300
Boone	750	2,020	1,515,900	<b>DISTRICT 6</b>	15,560	1,665	25,900,300
Bracken	1,700	1,995	3,391,500				
Campbell	175	2,055	359,900	<b>KENTUCKY</b>	106,000	1,950	206,700,000
Carroll	975	1,835	1,789,300				
Gallatin	580	1,985	1,150,700	<b>TOP PRODUCING COUNTIES</b>			
Grant	1,400	2,170	3,039,700			(Pounds)	
Henry	2,250	1,975	4,448,500	Shelby		6,057,400	
Kenton	345	1,795	618,900	Barren		5,705,800	
Oldham	330	1,880	620,100	Bourbon		5,645,900	
Owen	1,920	2,075	3,979,900	Madison		5,293,000	
Pendleton	1,280	2,065	2,644,300	Scott		5,074,200	
Trimble	1,010	2,020	2,038,900				
<b>DISTRICT 4</b>	12,715	2,015	25,597,600				

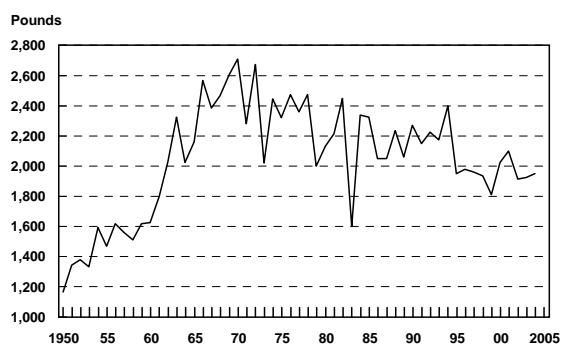
## BURLEY TOBACCO PRODUCTION – 2004



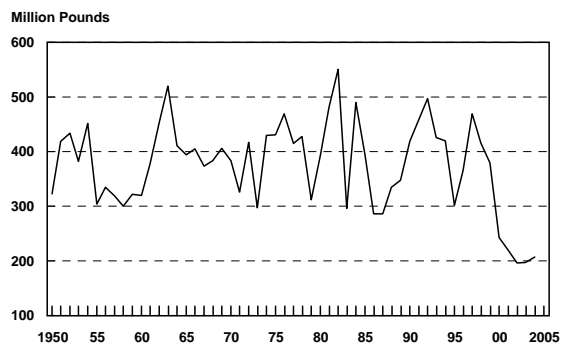
**Kentucky Burley Tobacco  
Harvested Acres  
(1950 - 2004)**



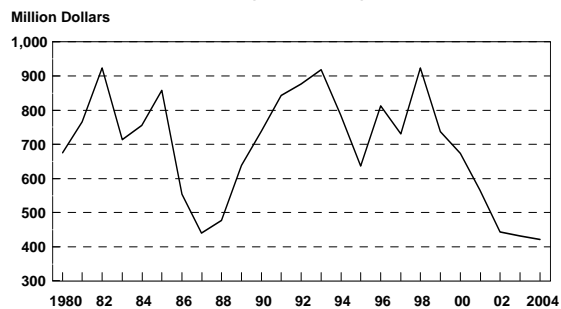
**Kentucky Burley Tobacco  
Yield Per Harvested Acre  
(1950 - 2004)**



**Kentucky Burley Tobacco  
Production  
(1950 - 2004)**



**Kentucky Tobacco  
Cash Receipts  
(1980 - 2004)**



## DARK FIRE-CURED TOBACCO COUNTY ESTIMATES – 2004

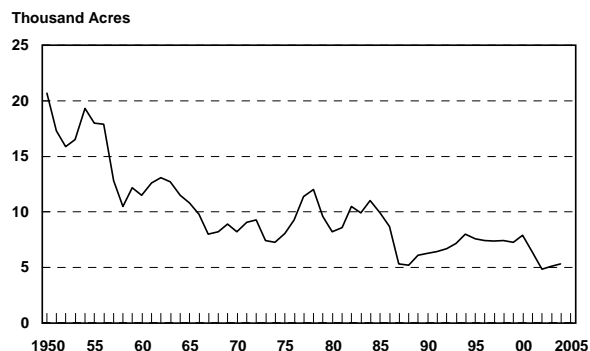
### EASTERN DARK, TYPE 22

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Caldwell	170	2,805	477,000
Christian	875	3,090	2,705,000
Logan	245	2,875	704,000
Lyon	160	3,155	505,000
Muhlenberg	230	2,670	614,000
Simpson	24	3,210	77,000
Todd	480	3,510	1,685,000
Trigg	515	3,105	1,600,000
Other Counties	1	3,000	3,000
<b>STATE TOTAL</b>	<b>2,700</b>	<b>3,100</b>	<b>8,370,000</b>

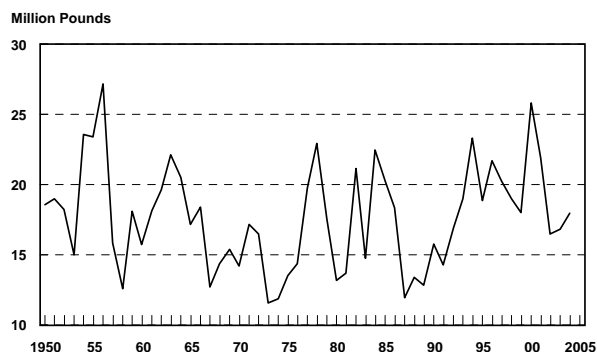
### WESTERN DARK, TYPE 23

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Ballard	12	3,000	36,000
Calloway	1,090	4,065	4,430,000
Carlisle	94	3,840	361,000
Graves	1,200	3,445	4,135,000
Hickman	45	3,780	170,000
McCracken	44	3,250	143,000
Marshall	115	3,000	345,000
<b>STATE TOTAL</b>	<b>2,600</b>	<b>3,700</b>	<b>9,620,000</b>

**Kentucky Dark Fire Cured Tobacco  
Harvested Acres  
(1950 - 2004)**



**Kentucky Dark Fire Cured Tobacco  
Production  
(1950 - 2004)**



## DARK AIR-CURED TOBACCO COUNTY ESTIMATES – 2004

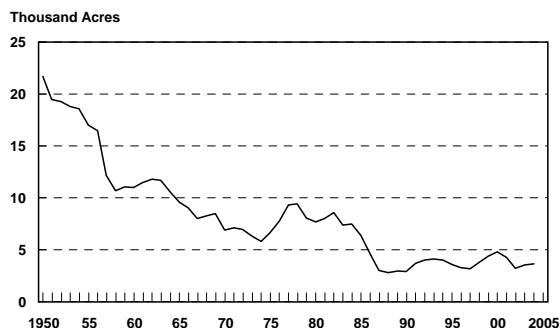
### ONE SUCKER, TYPE 35

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Allen	32	2,190	70,000
Butler	24	2,335	56,000
Caldwell	37	3,100	115,000
Calloway	61	2,555	156,000
Carlisle	20	2,800	56,000
Christian	30	3,165	95,000
Graves	355	3,155	1,120,000
Hickman	24	3,085	74,000
Logan	960	3,040	2,920,000
Lyon	13	2,845	37,000
Marshall	32	1,940	62,000
Muhlenberg	59	2,510	148,000
Simpson	365	2,710	989,000
Todd	285	3,205	913,000
Trigg	13	2,310	30,000
Warren	35	2,230	78,000
Other Counties	5	2,800	14,000
<b>STATE TOTAL</b>	<b>2,350</b>	<b>2,950</b>	<b>6,933,000</b>

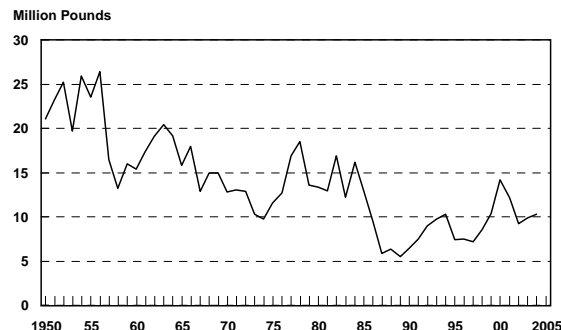
### GREEN RIVER, TYPE 36

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Daviess	420	2,630	1,105,000
Henderson	230	2,455	565,000
Hopkins	93	2,690	250,000
McLean	255	2,685	685,000
Ohio	67	2,375	159,000
Webster	225	2,620	590,000
Other Counties	10	2,600	26,000
<b>STATE TOTAL</b>	<b>1,300</b>	<b>2,600</b>	<b>3,380,000</b>

**Kentucky Dark Air Cured Tobacco  
Harvested Acres  
(1950 - 2004)**

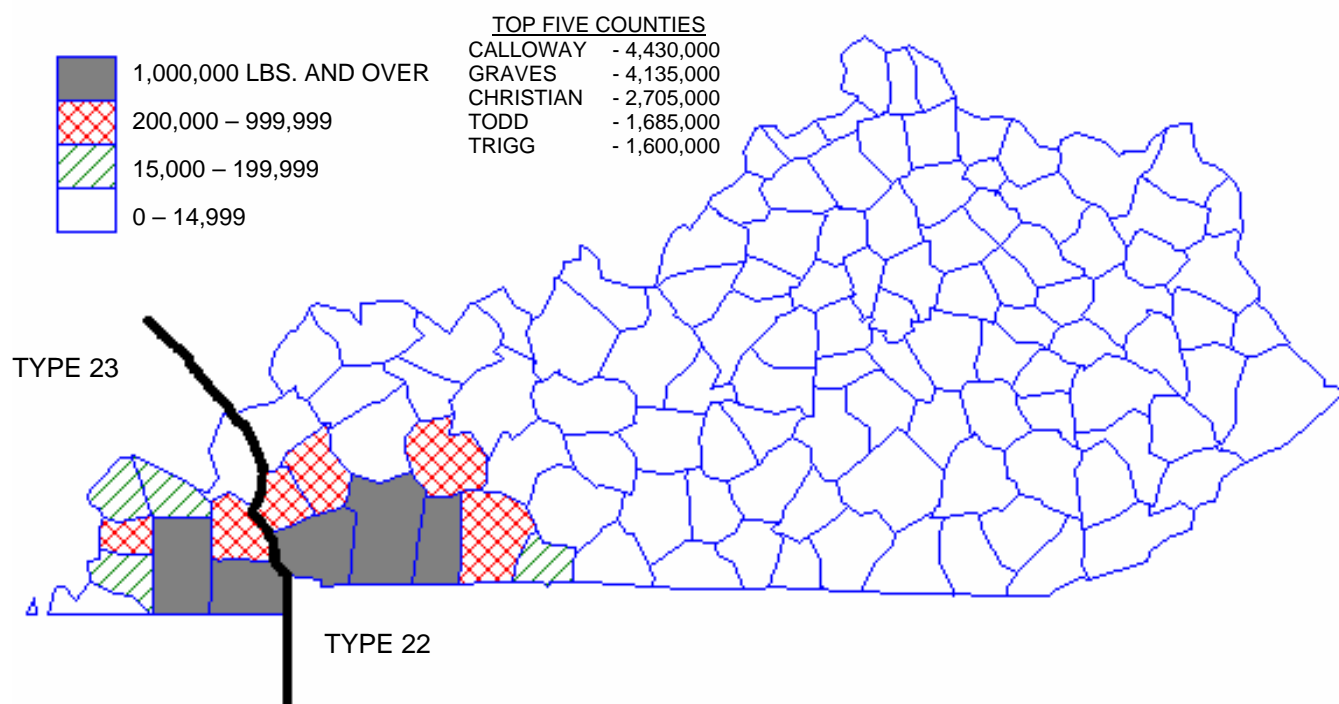


**Kentucky Dark Air Cured Tobacco  
Production  
(1950 - 2004)**

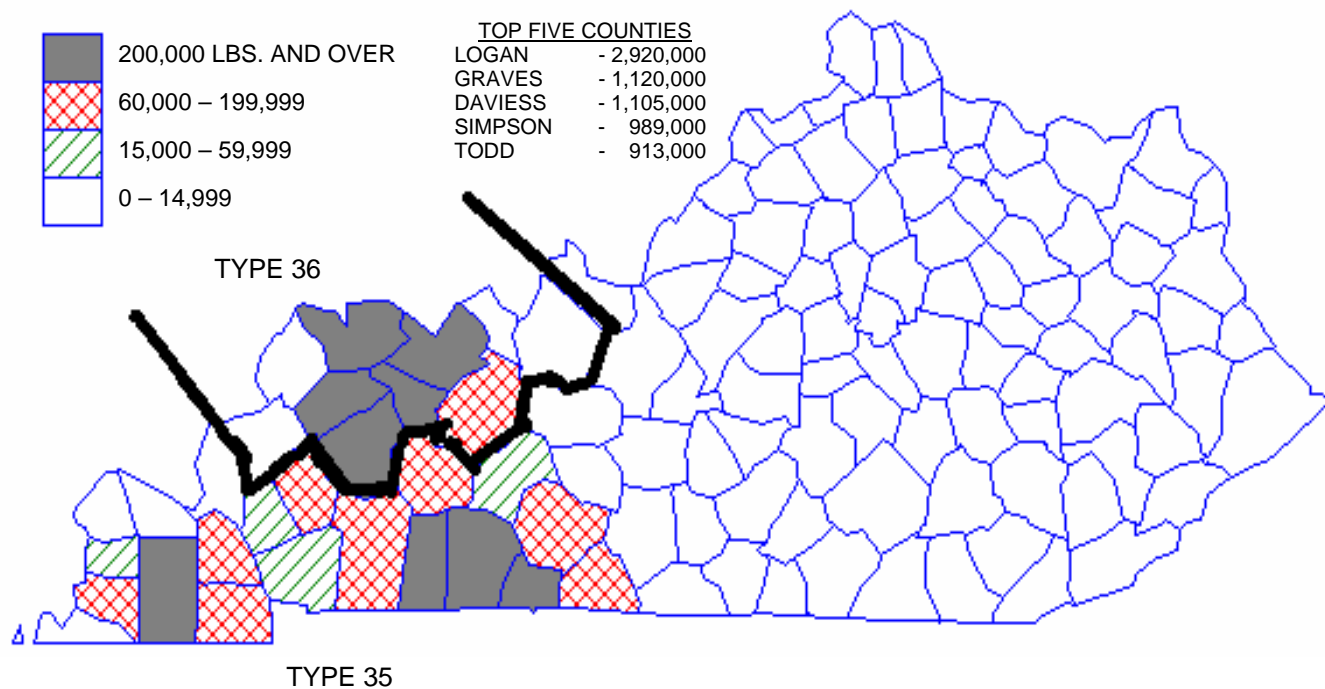




## DARK FIRE-CURED TOBACCO PRODUCTION – 2004



## DARK AIR-CURED TOBACCO PRODUCTION – 2004



# CORN FOR ALL PURPOSES COUNTY ESTIMATES - 2004

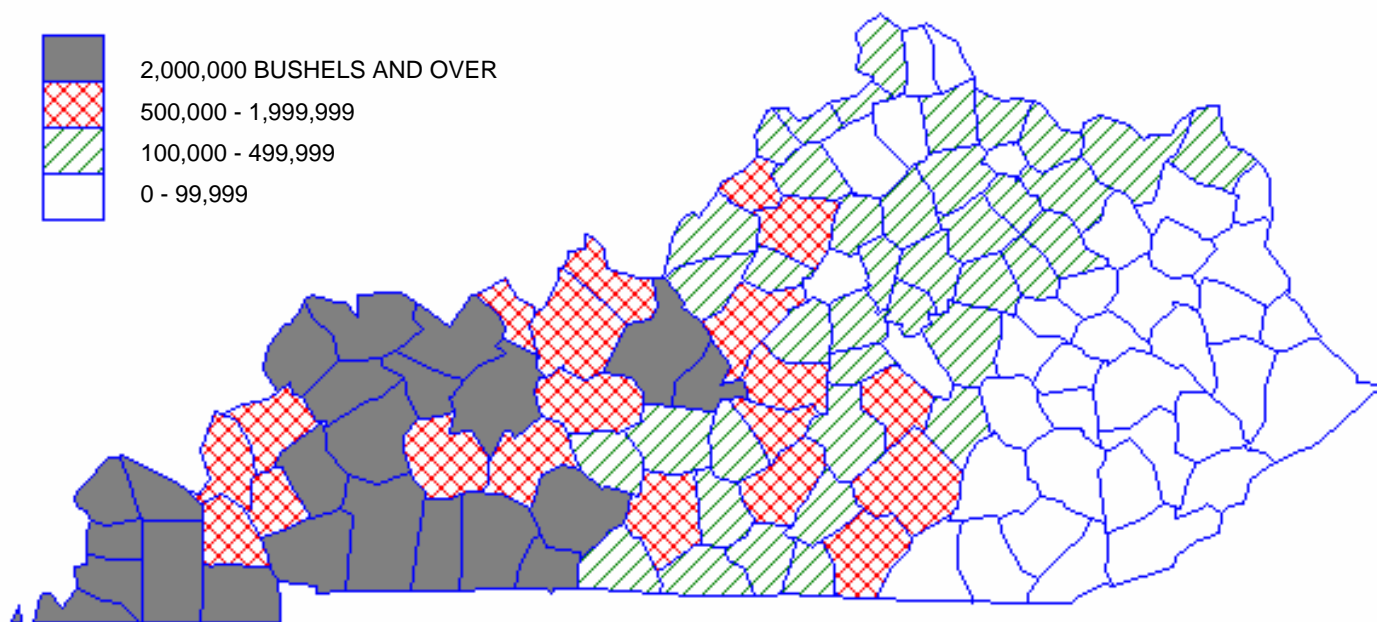
District and County	Acres Planted	Acres Harv. 1/	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. 1/	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	24,800	24,600	152	3,739,200	Bath	2,600	2,300	145	333,500
Calloway	33,600	33,500	139	4,656,500	Bourbon	3,550	3,300	136	448,800
Carlisle	22,650	22,300	154	3,434,200	Boyle	2,100	1,100	121	133,100
Fulton	27,500	27,400	159	4,356,600	Clark	1,650	1,500	114	171,000
Graves	56,650	55,700	154	8,577,800	Fayette	2,600	2,400	152	364,800
Hickman	40,350	40,300	166	6,689,800	Fleming	4,400	2,400	154	369,600
Livingston	10,100	10,000	136	1,360,000	Franklin	1,200	1,000	107	107,000
Lyon	5,700	5,700	133	758,100	Garrard	1,600	600	144	86,400
McCracken	15,500	15,300	146	2,233,800	Harrison	3,200	2,800	120	336,000
Marshall	9,100	9,000	138	1,242,000	Jessamine	1,100	1,000	132	132,000
Trigg	17,550	17,500	158	2,765,000	Lincoln	9,200	6,800	144	979,200
<b>DISTRICT 1</b>	<b>263,500</b>	<b>261,300</b>	<b>152.4</b>	<b>39,813,000</b>	Madison	2,250	1,400	111	155,400
Caldwell	19,650	19,400	149	2,890,600	Mason	5,400	3,400	110	374,000
Christian	76,000	75,200	168	12,633,600	Mercer	2,300	1,700	155	263,500
Crittenden	13,000	12,600	138	1,738,800	Montgomery	1,550	1,000	100	100,000
Daviess	67,150	66,300	146	9,679,800	Nicholas	1,150	1,000	109	109,000
Hancock	7,850	7,800	138	1,076,400	Scott	2,000	1,800	134	241,200
Henderson	77,900	76,200	144	10,972,800	Shelby	13,550	11,000	152	1,672,000
Hopkins	26,550	26,300	135	3,550,500	Spencer	2,600	2,300	85	195,500
Logan	58,650	57,000	179	10,203,000	Washington	4,200	3,000	146	438,000
McLean	42,800	42,400	150	6,360,000	Woodford	1,700	1,500	164	246,000
Muhlenberg	12,050	11,900	124	1,475,600	Other Counties 2/	800	500	115.2	57,600
Ohio	21,200	21,000	125	2,625,000	<b>DISTRICT 5</b>	<b>70,700</b>	<b>53,800</b>	<b>135.9</b>	<b>7,313,600</b>
Simpson	36,100	35,700	171	6,104,700	Carter	700	600	93	55,800
Todd	46,650	45,500	170	7,735,000	Estill	650	600	90	54,000
Union	80,100	78,700	168	13,221,600	Greenup	1,350	1,300	117	152,100
Webster	37,750	37,600	148	5,564,800	Knox	850	800	116	92,800
<b>DISTRICT 2</b>	<b>623,400</b>	<b>613,600</b>	<b>156.2</b>	<b>95,832,200</b>	Laurel	1,200	600	116	69,600
Adair	7,800	4,900	125	612,500	Lewis	1,900	1,700	108	183,600
Allen	2,150	1,900	128	243,200	Menifee	550	500	120	60,000
Barren	16,000	10,200	154	1,570,800	Pulaski	8,400	5,600	140	784,000
Breckinridge	13,250	12,800	113	1,446,400	Rockcastle	1,300	900	127	114,300
Bullitt	2,350	2,100	120	252,000	Rowan	700	700	120	84,000
Butler	14,150	13,900	125	1,737,500	Wayne	4,600	4,100	167	684,700
Casey	4,300	3,400	138	469,200	Whitley	750	700	126	88,200
Clinton	1,350	900	143	128,700	Wolfe	550	500	97	48,500
Cumberland	1,500	1,400	154	215,600	Other Counties 2/	3,200	2,600	94.1	244,600
Edmonson	2,000	1,700	119	202,300	<b>DISTRICT 6</b>	<b>26,700</b>	<b>21,200</b>	<b>128.1</b>	<b>2,716,200</b>
Grayson	9,050	7,800	100	780,000	<b>KENTUCKY</b>	<b>1,210,000</b>	<b>1,140,000</b>	<b>152.0</b>	<b>173,280,000</b>
Green	3,900	2,800	122	341,600					
Hardin	25,050	24,000	144	3,456,000					
Hart	4,400	2,700	119	321,300					
Jefferson	950	900	113	101,700					
Larue	15,100	14,200	150	2,130,000					
Marion	11,600	9,300	152	1,413,600					
Meade	10,300	10,000	137	1,370,000					
Metcalfe	3,500	1,500	135	202,500					
Monroe	4,700	1,700	141	239,700					
Nelson	13,300	11,100	152	1,687,200					
Russell	4,100	2,600	142	369,200					
Taylor	8,100	6,600	162	1,069,200					
Warren	29,600	27,500	192	5,280,000					
<b>DISTRICT 3</b>	<b>208,500</b>	<b>175,900</b>	<b>145.8</b>	<b>25,640,200</b>					
Boone	1,850	1,700	140	238,000					
Bracken	1,250	700	158	110,600					
Carroll	1,050	1,000	160	160,000					
Gallatin	850	800	150	120,000					
Henry	3,950	3,000	129	387,000					
Oldham	4,000	3,700	147	543,900					
Pendleton	1,050	1,000	120	120,000					
Trimble	1,150	1,100	123	135,300					
Other Counties 2/	2,050	1,200	125.0	150,000					
<b>DISTRICT 4</b>	<b>17,200</b>	<b>14,200</b>	<b>138.4</b>	<b>1,964,800</b>					

## TOP PRODUCING COUNTIES (Bushels)

Union	13,221,600
Christian	12,633,600
Henderson	10,972,800
Logan	10,203,000
Daviess	9,679,800

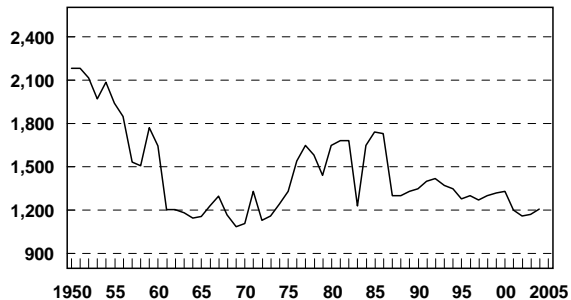
1/Harvested for Grain. 2/Less than 500 acres harvested included in "Other Counties".

# CORN FOR GRAIN PRODUCTION – 2004



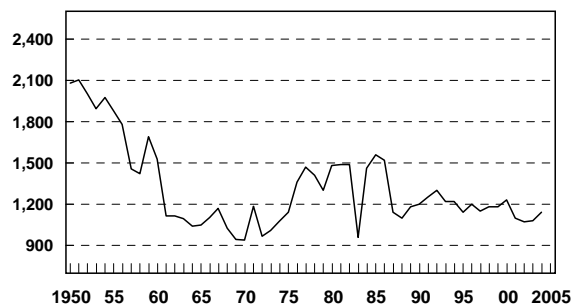
**Kentucky Corn  
All Acres Planted  
(1950 - 2004)**

Thousand Acres



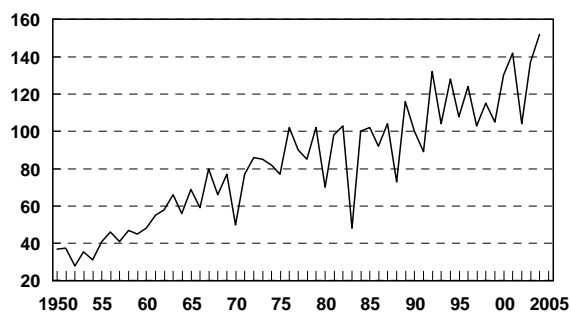
**Kentucky Corn  
Acres Harvested for Grain  
(1950 - 2004)**

Thousand Acres



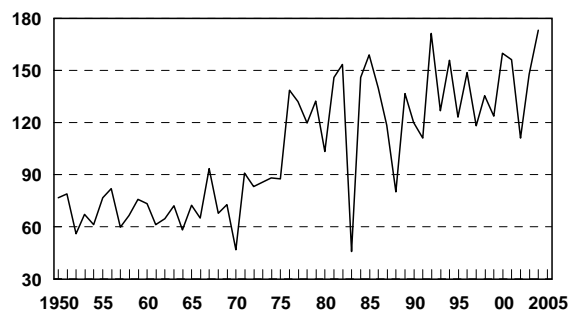
**Kentucky Corn  
Yield Per Harvested Acre  
(1950 - 2004)**

Bushels



**Kentucky Corn  
Total Grain Production  
(1950 - 2004)**

Million Bushels



# SOYBEAN COUNTY ESTIMATES – 2003 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <sup>2/</sup>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <sup>2/</sup>	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	40,500	40,400	40	1,616,000	Boone	1,700	1,700	41	69,700
Calloway	41,500	41,400	41	1,697,400	Carroll	2,200	2,100	35	73,500
Carlisle	31,500	31,400	41	1,287,400	Gallatin	1,100	1,000	44	44,000
Fulton	54,800	54,700	45	2,461,500	Henry	4,100	4,000	48	192,000
Graves	66,200	65,800	42	2,763,600	Oldham	3,200	3,200	47	150,400
Hickman	47,700	47,600	45	2,142,000	Pendleton	900	900	42	37,800
Livingston	12,800	12,700	40	508,000	Trimble	3,200	3,200	41	131,200
Lyon	4,800	4,800	41	196,800	Other Counties <sup>3/</sup>	900	800	44.9	35,900
McCracken	27,300	27,100	38	1,029,800	<b>DISTRICT 4</b>	17,300	16,900	43.5	734,500
Marshall	15,500	15,400	39	600,600	Bath	2,400	2,300	34	78,200
Trigg	16,500	16,400	44	721,600	Bourbon	2,700	2,600	36	93,600
<b>DISTRICT 1</b>	359,100	357,700	42.0	15,024,700	Boyle	900	800	37	29,600
Caldwell	20,300	20,200	38	767,600	Clark	900	900	45	40,500
Christian	60,300	60,100	45	2,704,500	Fayette	2,200	2,200	41	90,200
Crittenden	10,900	10,600	38	402,800	Fleming	2,900	2,800	32	89,600
Daviess	83,500	82,300	45	3,703,500	Franklin	1,000	900	41	36,900
Hancock	11,600	11,200	42	470,400	Harrison	1,900	1,900	42	79,800
Henderson	80,800	80,600	42	3,385,200	Jessamine	900	900	46	41,400
Hopkins	38,200	38,100	42	1,600,200	Lincoln	4,100	4,000	43	172,000
Logan	55,200	55,100	44	2,424,400	Mason	2,200	2,200	38	83,600
McLean	53,900	53,800	45	2,421,000	Mercer	800	700	38	26,600
Muhlenberg	15,500	15,400	40	616,000	Scott	1,000	900	41	36,900
Ohio	30,300	30,200	39	1,177,800	Shelby	18,900	18,700	44	822,800
Simpson	36,000	36,000	46	1,656,000	Spencer	4,700	4,600	47	216,200
Todd	43,200	43,100	49	2,111,900	Washington	2,600	2,500	48	120,000
Union	51,400	51,100	45	2,299,500	Woodford	1,100	1,100	42	46,200
Webster	37,200	37,100	47	1,743,700	Other Counties <sup>3/</sup>	1,300	1,000	39.6	39,600
<b>DISTRICT 2</b>	628,300	624,900	44.0	27,484,500	<b>DISTRICT 5</b>	52,500	51,000	42.0	2,143,700
Adair	2,000	1,900	40	76,000	Estill	700	600	37	22,200
Allen	1,300	1,300	35	45,500	Lewis	3,200	3,100	32	99,200
Barren	6,800	6,700	41	274,700	Powell	1,400	1,300	33	42,900
Breckinridge	15,300	15,200	43	653,600	Pulaski	5,200	5,000	43	215,000
Bullitt	3,800	3,800	42	159,600	Rockcastle	600	500	40	20,000
Butler	15,500	15,400	44	677,600	Rowan	700	600	45	27,000
Casey	1,800	1,700	42	71,400	Wayne	4,600	4,500	47	211,500
Clinton	700	600	46	27,600	Other Counties <sup>3/</sup>	1,500	1,300	33.1	43,000
Cumberland	1,100	1,000	40	40,000	<b>DISTRICT 6</b>	17,900	16,900	40.3	680,800
Edmonson	2,600	2,500	41	102,500	<b>KENTUCKY</b>	1,250,000	1,240,000	43.5	53,940,000
Grayson	9,000	8,900	40	356,000					
Green	2,300	2,200	44	96,800					
Hardin	25,400	25,300	47	1,189,100					
Hart	1,500	1,400	50	70,000					
Jefferson	1,100	1,100	44	48,400					
Larue	16,900	16,800	50	840,000					
Marion	7,500	7,500	47	352,500					
Meade	13,100	13,000	44	572,000					
Nelson	12,300	12,100	47	568,700					
Russell	3,000	2,900	48	139,200					
Taylor	6,500	6,300	42	264,600					
Warren	24,500	24,200	50	1,210,000					
Other Counties <sup>3/</sup>	900	800	45.0	36,000					
<b>DISTRICT 3</b>	174,900	172,600	45.6	7,871,800					

## TOP PRODUCING COUNTIES

(Bushels)

Daviess	3,703,500
Henderson	3,385,200
Graves	2,763,600
Christian	2,704,500
Fulton	2,461,500

<sup>1/</sup>Revised. <sup>2/</sup>Harvested for Beans. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".

# SOYBEAN COUNTY ESTIMATES – 2004

District and County	Acres Planted	Acres Harv. <u>1/</u>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <u>1/</u>	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	41,500	41,400	36	1,490,400	Boone	2,200	2,100	42	88,200
Calloway	46,500	46,400	37	1,716,800	Carroll	2,200	2,200	36	79,200
Carlisle	27,000	26,900	45	1,210,500	Gallatin	1,100	950	40	38,000
Fulton	51,700	51,600	43	2,218,800	Henry	3,800	3,700	37	136,900
Graves	67,600	67,500	44	2,970,000	Oldham	3,500	3,450	42	144,900
Hickman	46,200	46,100	43	1,982,300	Pendleton	1,500	1,400	48	67,200
Livingston	13,200	13,100	35	458,500	Trimble	3,300	3,000	45	135,000
Lyon	5,600	5,500	37	203,500	Other Counties <u>2/</u>	1,000	1,000	45.5	45,500
McCracken	25,800	25,700	36	925,200	<b>DISTRICT 4</b>	18,600	17,800	41.3	734,900
Marshall	15,800	15,500	41	635,500	Bath	2,300	2,200	53	116,600
Trigg	20,200	19,500	44	858,000	Bourbon	2,900	2,800	40	112,000
<b>DISTRICT 1</b>	361,100	359,200	40.8	14,669,500	Boyle	1,100	1,100	39	42,900
Caldwell	23,800	23,700	44	1,042,800	Clark	1,100	1,100	42	46,200
Christian	62,800	62,700	44	2,758,800	Fayette	2,300	2,200	47	103,400
Crittenden	10,500	10,400	39	405,600	Fleming	3,400	3,300	40	132,000
Daviess	82,100	82,000	45	3,690,000	Franklin	900	850	42	35,700
Hancock	11,100	11,000	40	440,000	Harrison	2,200	2,100	46	96,600
Henderson	89,000	88,900	45	4,000,500	Jessamine	900	900	43	38,700
Hopkins	36,700	36,600	44	1,610,400	Lincoln	4,200	4,100	48	196,800
Logan	58,700	58,600	46	2,695,600	Mason	2,850	2,800	42	117,600
McLean	52,400	52,300	44	2,301,200	Mercer	1,200	1,100	47	51,700
Muhlenberg	16,300	16,200	38	615,600	Scott	1,000	900	48	43,200
Ohio	33,100	33,000	37	1,221,000	Shelby	18,700	18,400	52	956,800
Simpson	37,600	37,500	43	1,612,500	Spencer	5,300	5,200	49	254,800
Todd	42,800	42,700	45	1,921,500	Washington	3,000	2,900	49	142,100
Union	63,100	63,000	50	3,150,000	Woodford	1,600	1,500	50	75,000
Webster	38,400	38,300	45	1,723,500	Other Counties <u>2/</u>	1,350	1,050	45.3	47,600
<b>DISTRICT 2</b>	658,400	656,900	44.4	29,189,000	<b>DISTRICT 5</b>	56,300	54,500	47.9	2,609,700
Adair	2,700	2,600	46	119,600	Estill	700	650	44	28,600
Allen	2,300	2,200	51	112,200	Greenup	650	600	45	27,000
Barren	8,900	8,800	51	448,800	Lewis	3,500	3,400	41	139,400
Breckinridge	16,500	16,400	37	606,800	Powell	2,200	2,100	35	73,500
Bullitt	4,100	4,000	44	176,000	Pulaski	6,300	6,100	46	280,600
Butler	14,900	14,800	44	651,200	Rockcastle	800	750	43	32,250
Casey	2,200	2,000	46	92,000	Rowan	900	800	43	34,400
Clinton	550	500	50	25,000	Wayne	5,900	5,700	50	285,000
Cumberland	1,050	900	48	43,200	Other Counties <u>2/</u>	950	800	39.6	31,650
Edmonson	3,900	3,800	44	167,200	<b>DISTRICT 6</b>	21,900	20,900	44.6	932,400
Grayson	8,500	8,400	41	344,400	<b>KENTUCKY</b>	1,310,000	1,300,000	44.0	57,200,000
Green	3,100	3,000	48	144,000					
Hardin	27,200	27,000	49	1,323,000					
Hart	2,000	1,900	40	76,000					
Jefferson	1,500	1,400	44	61,600					
Larue	19,900	19,800	54	1,069,200					
Marion	7,400	7,300	53	386,900					
Meade	15,200	15,100	43	649,300					
Metcalfe	1,000	900	47	42,300					
Monroe	600	500	47	23,500					
Nelson	13,600	13,400	51	683,400					
Russell	3,700	3,400	48	163,200					
Taylor	7,100	6,900	50	345,000					
Warren	25,800	25,700	51	1,310,700					
<b>DISTRICT 3</b>	193,700	190,700	47.5	9,064,500					

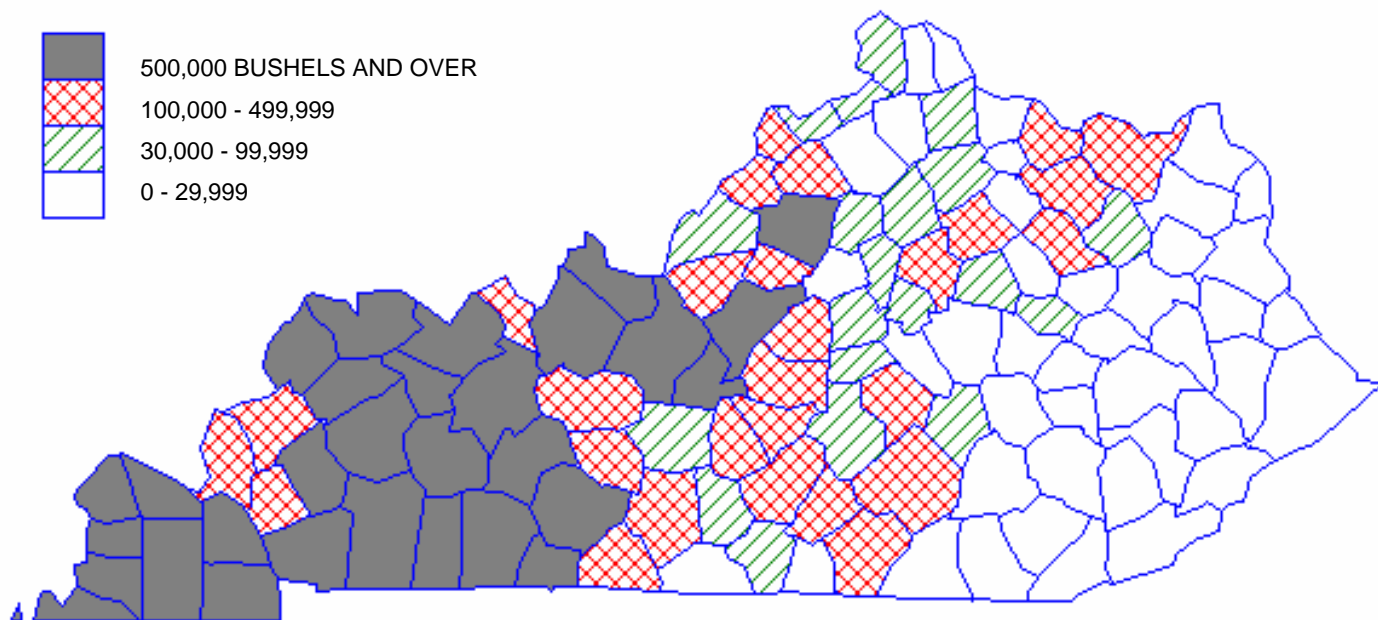
## TOP PRODUCING COUNTIES

(Bushels)

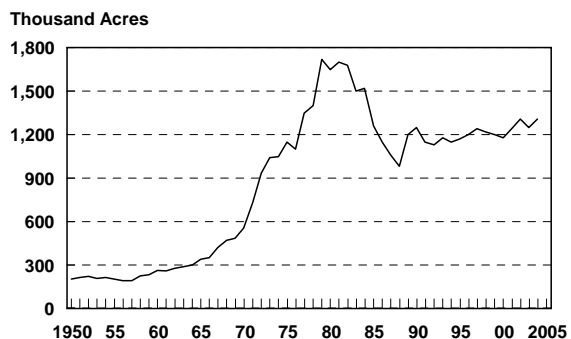
Henderson	4,000,500
Daviess	3,690,000
Union	3,150,000
Graves	2,970,000
Christian	2,758,800

1/Harvested for Beans. 2/Less than 500 acres harvested included in "Other Counties".

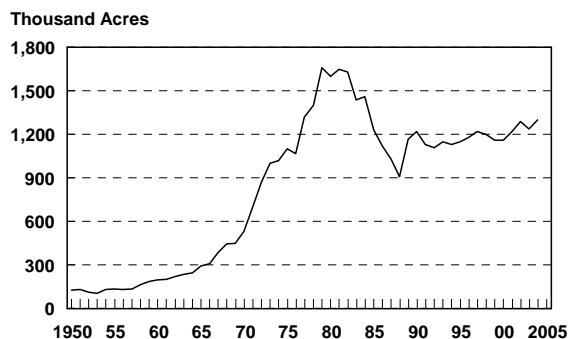
## SOYBEAN PRODUCTION – 2004



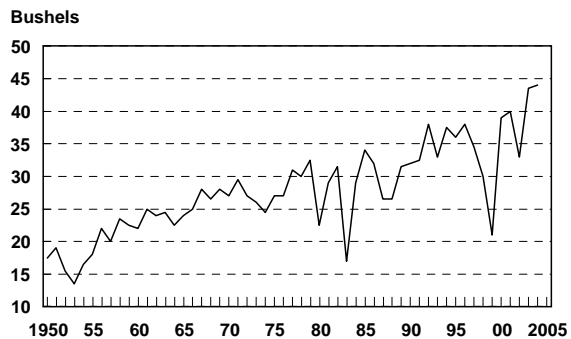
**Kentucky Soybean  
All Acres Planted  
(1950 - 2004)**



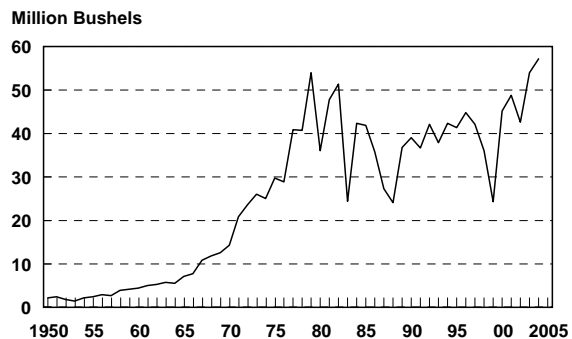
**Kentucky Soybean  
Acres Harvested for Beans  
(1950 - 2004)**



**Kentucky Soybean  
Yield Per Harvested Acre  
(1950 - 2004)**



**Kentucky Soybean  
Total Production  
(1950 - 2004)**



# WINTER WHEAT COUNTY ESTIMATES – 2003 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <sup>2/</sup>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <sup>2/</sup>	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	12,500	10,500	50	525,000	Oldham	1,400	1,000	53	53,000
Calloway	24,500	23,000	52	1,196,000	Other Counties <sup>3/</sup>	11,600	1,400	41.8	58,500
Carlisle	6,300	5,100	50	255,000	<b>DISTRICT 4</b>	13,000	2,400	46.5	111,500
Fulton	16,000	15,500	51	790,500					
Graves	21,000	19,500	59	1,150,500	Bourbon	3,500	1,000	43	43,000
Hickman	18,000	17,000	62	1,054,000	Fayette	3,000	800	48	38,400
Livingston	1,200	700	55	38,500	Mercer	2,300	600	45	27,000
Lyon	1,700	1,300	56	72,800	Shelby	6,700	3,400	59	200,600
McCracken	4,100	3,700	46	170,200	Spencer	1,700	700	58	40,600
Marshall	1,700	1,300	50	65,000	Washington	3,200	600	47	28,200
Trigg	12,000	10,900	68	741,200	Other Counties <sup>3/</sup>	35,100	3,100	51.1	158,400
<b>DISTRICT 1</b>	119,000	108,500	55.8	6,058,700	<b>DISTRICT 5</b>	55,500	10,200	52.6	536,200
Caldwell	7,900	6,500	61	396,500	Wayne	2,300	600	55	33,000
Christian	50,000	48,000	66	3,168,000	Other Counties <sup>3/</sup>	17,700	800	48.1	38,500
Crittenden	2,000	1,200	67	80,400	<b>DISTRICT 6</b>	20,000	1,400	51.1	71,500
Daviess	13,000	11,100	66	732,600					
Hancock	1,900	1,400	70	98,000	<b>KENTUCKY</b>	500,000	350,000	62.0	21,700,000
Henderson	5,600	5,300	59	312,700					
Hopkins	4,400	4,100	54	221,400					
Logan	40,500	38,500	70	2,695,000					
McLean	8,500	7,600	71	539,600					
Muhlenberg	2,200	1,800	53	95,400					
Ohio	2,300	1,200	61	73,200					
Simpson	28,000	26,000	63	1,638,000					
Todd	31,000	30,000	65	1,950,000					
Union	14,500	12,500	68	850,000					
Webster	2,200	1,800	66	118,800					
<b>DISTRICT 2</b>	214,000	197,000	65.8	12,969,600					
Allen	1,600	800	32	25,600					
Barren	6,900	2,200	58	127,600					
Breckinridge	4,200	2,300	51	117,300					
Bullitt	1,000	700	67	46,900					
Butler	1,000	600	55	33,000					
Hardin	4,400	2,000	69	138,000					
Larue	3,700	600	50	30,000					
Marion	4,300	500	45	22,500					
Meade	4,600	3,600	67	241,200					
Nelson	5,300	1,900	63	119,700					
Warren	15,000	12,700	73	927,100					
Other Counties <sup>3/</sup>	26,500	2,600	47.5	123,600					
<b>DISTRICT 3</b>	78,500	30,500	64.0	1,952,500					

## TOP PRODUCING COUNTIES

(Bushels)

Christian	3,168,000
Logan	2,695,000
Todd	1,950,000
Simpson	1,638,000
Calloway	1,196,000

<sup>1/</sup>Revised. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".

# WINTER WHEAT COUNTY ESTIMATES – 2004

District and County	Acres Planted	Acres Harv. <u>1/</u>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <u>1/</u>	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	14,600	13,400	51	683,400	Henry	2,800	700	42	29,400
Calloway	25,000	23,500	46	1,081,000	Oldham	1,400	1,100	46	50,600
Carlisle	6,500	5,500	51	280,500	Trimble	1,500	600	42	25,200
Fulton	15,600	15,500	50	775,000	Other Counties <u>2/</u>	8,800	800	46.0	36,800
Graves	24,000	22,500	55	1,237,500	<b>DISTRICT 4</b>	14,500	3,200	44.4	142,000
Hickman	18,400	18,000	50	900,000					
Livingston	1,500	1,400	46	64,400	Bourbon	3,800	700	42	29,400
Lyon	1,500	1,000	44	44,000	Fayette	2,600	500	49	24,500
McCracken	3,900	3,500	54	189,000	Lincoln	3,800	500	44	22,000
Marshall	4,000	3,700	54	199,800	Shelby	6,800	3,500	53	185,500
Trigg	14,000	13,000	55	715,000	Spencer	1,900	700	50	35,000
<b>DISTRICT 1</b>	129,000	121,000	51.0	6,169,600	Other Counties <u>2/</u>	38,000	3,100	52.8	163,600
					<b>DISTRICT 5</b>	56,900	9,000	51.1	460,000
Caldwell	9,200	8,300	63	522,900					
Christian	52,800	50,500	57	2,878,500	Pulaski	5,200	600	50	30,000
Crittenden	2,400	1,800	59	106,200	Wayne	2,500	1,200	63	75,600
Daviess	11,400	9,300	53	492,900	Other Counties <u>2/</u>	13,700	800	40.3	32,200
Hancock	2,800	2,000	55	110,000	<b>DISTRICT 6</b>	21,400	2,600	53.0	137,800
Henderson	6,700	6,400	55	352,000					
Hopkins	4,000	3,700	50	185,000	<b>KENTUCKY</b>	530,000	380,000	54.0	20,520,000
Logan	44,000	41,500	58	2,407,000					
McLean	11,500	11,000	49	539,000					
Muhlenberg	2,900	2,200	46	101,200					
Ohio	2,300	1,500	54	81,000					
Simpson	25,400	25,000	54	1,350,000					
Todd	31,000	30,000	55	1,650,000					
Union	13,500	13,000	60	780,000					
Webster	2,600	2,200	53	116,600					
<b>DISTRICT 2</b>	222,500	208,400	56.0	11,672,300					
Barren	7,800	2,300	48	110,400					
Breckinridge	5,500	2,900	39	113,100					
Bullitt	1,000	600	55	33,000					
Butler	1,000	500	50	25,000					
Grayson	2,200	600	49	29,400					
Hardin	4,100	1,500	56	84,000					
Hart	3,300	600	44	26,400					
Larue	3,000	500	55	27,500					
Marion	5,500	1,400	55	77,000					
Meade	4,500	3,600	56	201,600					
Nelson	6,000	3,300	53	174,900					
Taylor	4,000	800	59	47,200					
Warren	16,500	14,500	59	855,500					
Other Counties <u>2/</u>	21,300	2,700	49.4	133,300					
<b>DISTRICT 3</b>	85,700	35,800	54.1	1,938,300					

## TOP PRODUCING COUNTIES

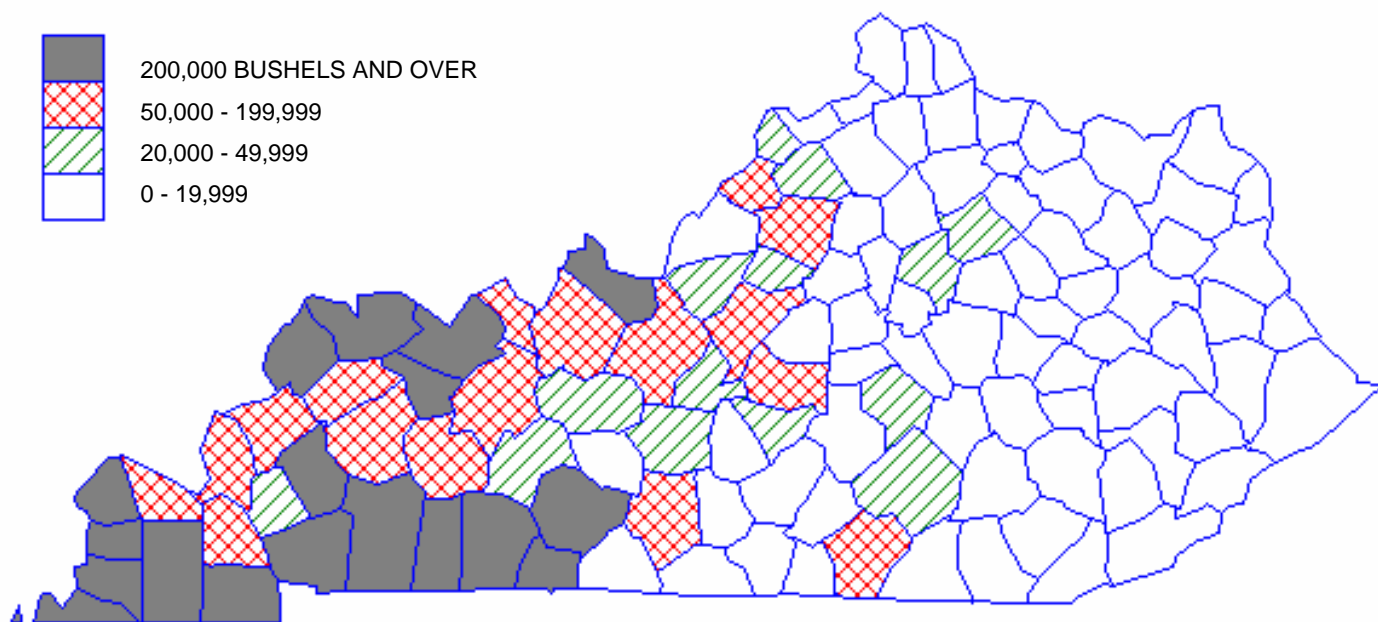
(Bushels)

Christian	2,878,500
Logan	2,407,000
Todd	1,650,000
Simpson	1,350,000
Graves	1,237,500

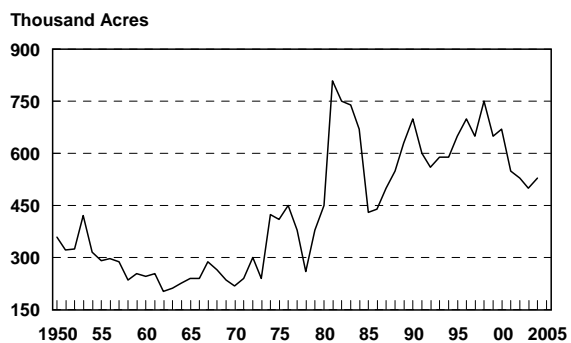
1/Harvested for Grain. 2/Less than 500 acres harvested included in "Other Counties".



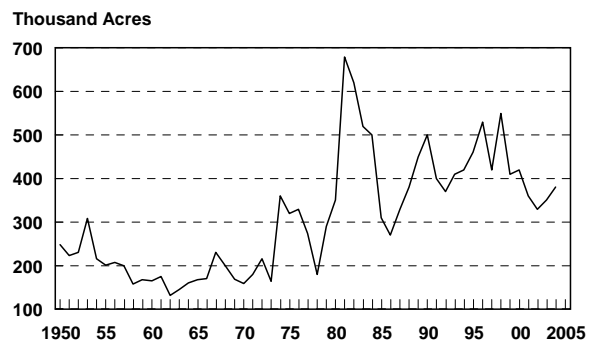
# WINTER WHEAT PRODUCTION – 2004



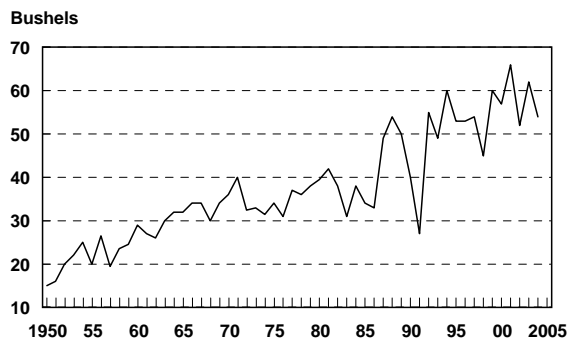
**Kentucky Winter Wheat  
All Acres Planted  
(1950 - 2004)**



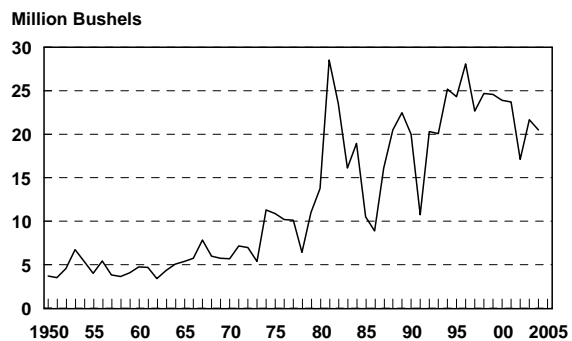
**Kentucky Winter Wheat  
Acres Harvested for Grain  
(1950 - 2004)**



**Kentucky Winter Wheat  
Yield Per Harvested Acre  
(1950 - 2004)**



**Kentucky Winter Wheat  
Total Grain Production  
(1950 - 2004)**



## ALFALFA HAY COUNTY ESTIMATES – 2004

District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)	District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)
Ballard	800	5.2	4,160	Anderson	1,900	3.6	6,840
Calloway	500	3.0	1,500	Bath	2,200	3.9	8,580
Other Counties <sup>1/</sup>	2,600	3.93	10,210	Bourbon	6,600	3.8	25,080
<b>DISTRICT 1</b>	3,900	4.07	15,870	Boyle	2,400	4.2	10,080
Caldwell	1,700	3.6	6,120	Clark	2,400	3.5	8,400
Christian	2,800	3.4	9,520	Fayette	2,000	3.6	7,200
Crittenden	800	3.0	2,400	Fleming	12,400	3.2	39,680
Daviess	900	4.6	4,140	Franklin	1,700	3.7	6,290
Hancock	500	2.0	1,000	Garrard	3,800	3.1	11,780
Henderson	1,100	3.6	3,960	Harrison	5,300	4.2	22,260
Logan	2,000	4.2	8,400	Jessamine	2,100	3.3	6,930
Ohio	600	2.6	1,560	Lincoln	8,800	3.9	34,320
Simpson	1,700	3.8	6,460	Madison	2,400	5.0	12,000
Todd	1,300	4.9	6,370	Mason	9,800	3.5	34,300
Union	700	3.0	2,100	Mercer	6,700	4.1	27,470
Webster	500	3.3	1,650	Montgomery	2,000	3.4	6,800
Other Counties <sup>1/</sup>	1,000	4.34	4,340	Nicholas	4,400	3.7	16,280
<b>DISTRICT 2</b>	15,600	3.72	58,020	Robertson	600	3.2	1,920
Adair	2,400	4.4	10,560	Scott	3,600	3.3	11,880
Allen	1,600	3.3	5,280	Shelby	8,500	3.7	31,450
Barren	8,600	3.8	32,680	Spencer	3,100	3.0	9,300
Breckinridge	2,400	4.3	10,320	Washington	3,800	3.7	14,060
Bullitt	1,400	3.0	4,200	Woodford	3,200	3.4	10,880
Butler	500	2.0	1,000	<b>DISTRICT 5</b>	99,700	3.65	363,780
Casey	3,700	4.4	16,280	Carter	1,000	3.3	3,300
Clinton	600	3.1	1,860	Estill	900	3.2	2,880
Cumberland	600	1.9	1,140	Greenup	800	3.6	2,880
Edmonson	800	3.4	2,720	Jackson	1,000	2.8	2,800
Grayson	2,200	2.5	5,500	Laurel	1,200	4.4	5,280
Green	2,300	3.0	6,900	Lewis	2,500	3.1	7,750
Hardin	6,500	3.9	25,350	Morgan	800	3.0	2,400
Hart	9,400	3.9	36,660	Pulaski	3,800	4.5	17,100
Jefferson	700	2.5	1,750	Rockcastle	2,300	4.1	9,430
Larue	3,300	3.6	11,880	Rowan	600	2.3	1,380
Marion	3,400	3.3	11,220	Wayne	900	3.5	3,150
Meade	5,000	4.8	24,000	Other Counties <sup>1/</sup>	2,500	2.75	6,880
Metcalfe	2,700	4.0	10,800	<b>DISTRICT 6</b>	18,300	3.56	65,230
Monroe	1,400	4.2	5,880	<b>KENTUCKY</b>	240,000	3.70	888,000
Nelson	6,200	4.3	26,660				
Russell	1,500	3.8	5,700				
Taylor	2,200	5.6	12,320				
Warren	3,700	4.7	17,390				
<b>DISTRICT 3</b>	73,100	3.94	288,050				
Boone	1,800	3.3	5,940				
Bracken	3,400	3.8	12,920				
Campbell	800	4.4	3,520				
Carroll	1,200	4.2	5,040				
Gallatin	800	2.0	1,600				
Grant	2,900	3.1	8,990				
Henry	5,900	4.0	23,600				
Kenton	1,600	2.7	4,320				
Oldham	2,000	2.9	5,800				
Owen	3,500	3.2	11,200				
Pendleton	2,900	2.0	5,800				
Trimble	2,600	3.2	8,320				
<b>DISTRICT 4</b>	29,400	3.30	97,050				

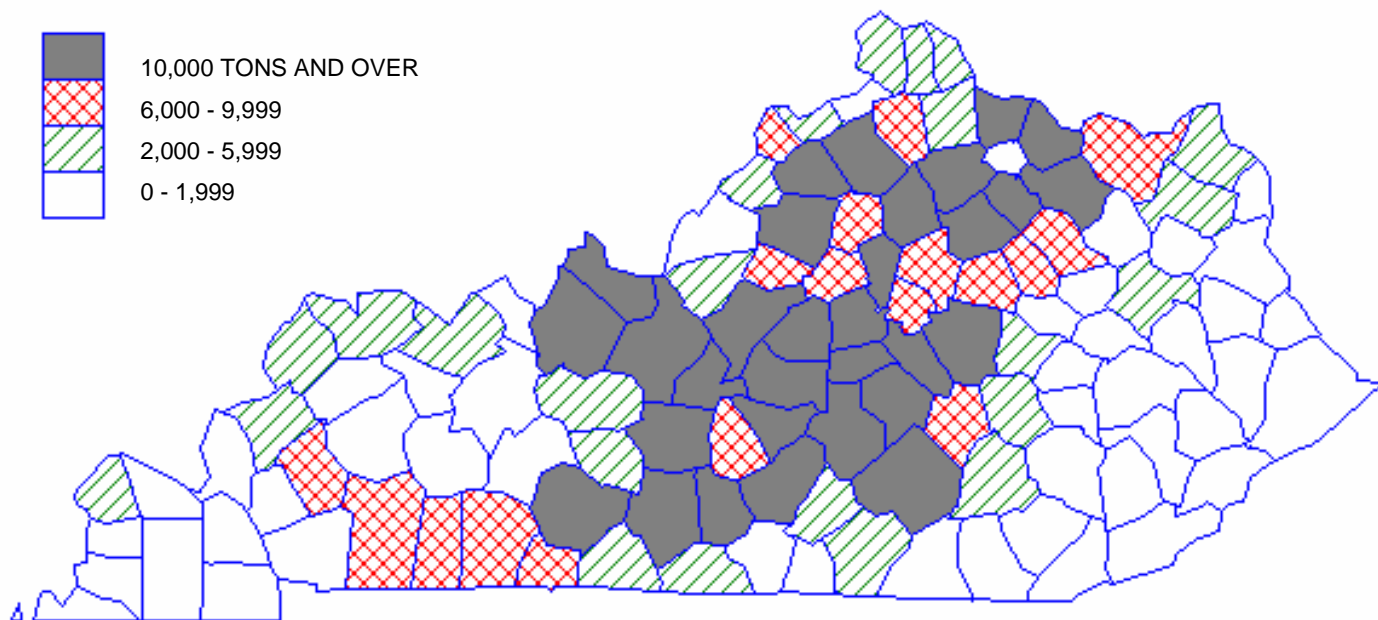
### TOP PRODUCING COUNTIES

(Tons)

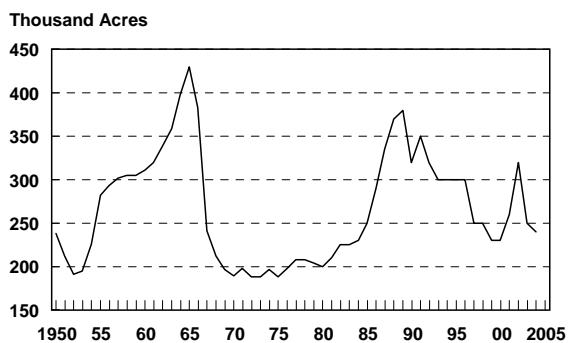
Fleming	39,680
Hart	36,660
Lincoln	34,320
Mason	34,300
Barren	32,680

<sup>1/</sup>Less than 500 acres harvested included in "Other Counties".

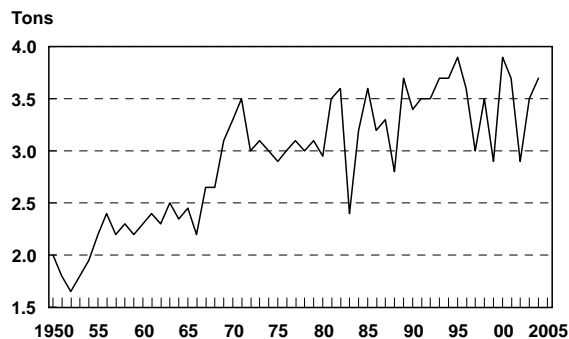
# ALFALFA HAY PRODUCTION – 2004



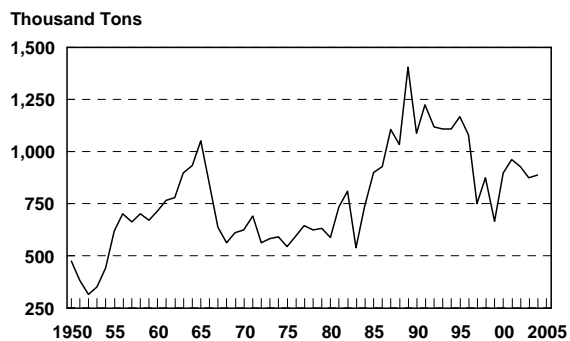
**Kentucky Alfalfa Hay  
Acres Harvested  
(1950 - 2004)**



**Kentucky Alfalfa Hay  
Yield Per Harvested Acre  
(1950 - 2004)**



**Kentucky Alfalfa Hay  
Production  
(1950 - 2004)**

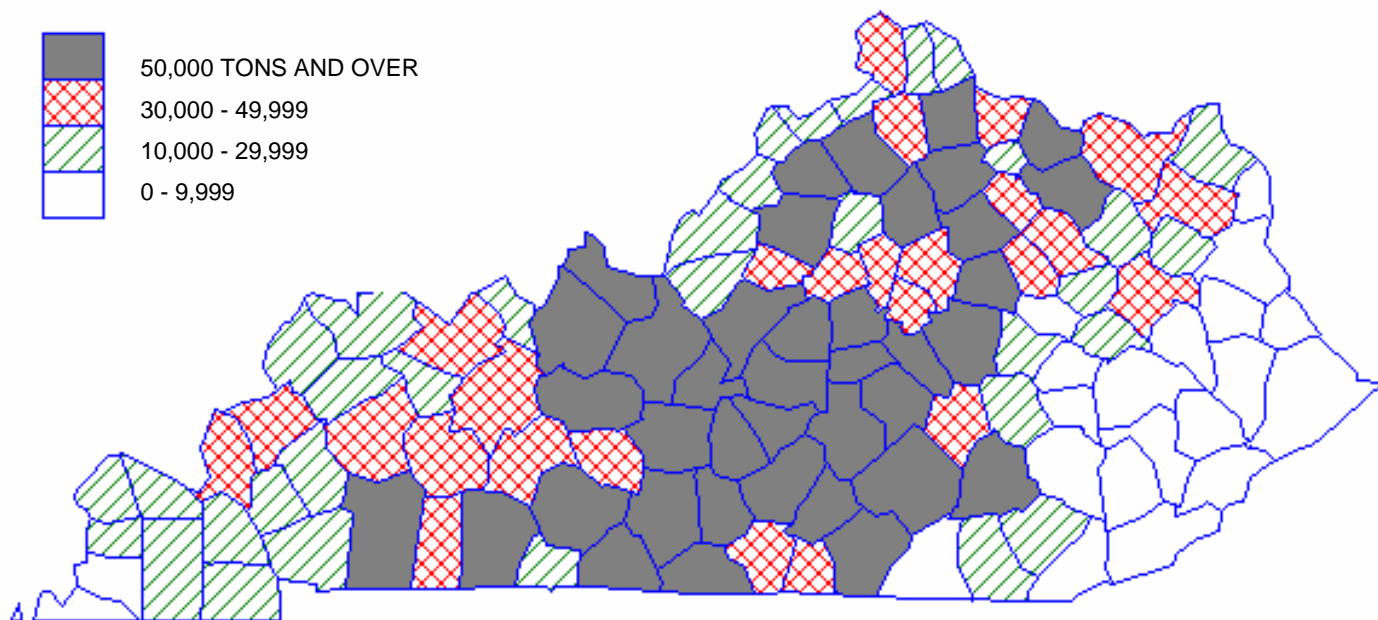


## ALL OTHER HAY COUNTY ESTIMATES – 2004

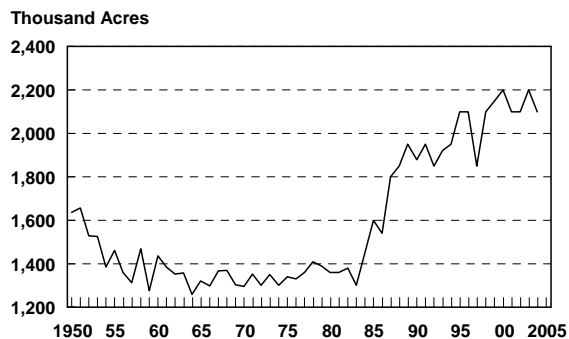
District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)	District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)
Ballard	6,500	2.5	16,250	Anderson	17,600	1.9	33,440
Calloway	11,600	2.2	25,520	Bath	20,700	2.1	43,470
Carlisle	5,200	3.5	18,200	Bourbon	37,900	2.8	106,120
Fulton	1,900	2.3	4,370	Boyle	26,200	2.4	62,880
Graves	14,600	2.0	29,200	Clark	32,600	2.1	68,460
Hickman	2,700	1.8	4,860	Fayette	15,800	2.4	37,920
Livingston	19,300	2.4	46,320	Fleming	28,100	2.5	70,250
Lyon	5,900	2.2	12,980	Franklin	16,600	1.7	28,220
McCracken	5,700	2.4	13,680	Garrard	27,000	2.9	78,300
Marshall	11,900	2.3	27,370	Harrison	35,600	2.0	71,200
Trigg	14,900	1.9	28,310	Jessamine	17,100	1.9	32,490
<b>DISTRICT 1</b>	100,200	2.27	227,060	Lincoln	29,400	3.0	88,200
Caldwell	14,700	1.9	27,930	Madison	46,600	2.8	130,480
Christian	26,000	2.3	59,800	Mason	24,000	2.2	52,800
Crittenden	21,800	2.2	47,960	Mercer	30,800	2.0	61,600
Daviess	16,300	2.4	39,120	Montgomery	19,700	2.5	49,250
Hancock	7,000	2.5	17,500	Nicholas	22,500	2.1	47,250
Henderson	7,800	2.2	17,160	Robertson	7,700	1.7	13,090
Hopkins	17,100	2.2	37,620	Scott	27,800	2.0	55,600
Logan	34,800	2.7	93,960	Shelby	36,600	2.3	84,180
McLean	5,200	2.3	11,960	Spencer	15,700	2.0	31,400
Muhlenberg	19,100	2.4	45,840	Washington	40,800	2.3	93,840
Ohio	18,400	2.4	44,160	Woodford	16,000	2.0	32,000
Simpson	13,600	1.9	25,840	<b>DISTRICT 5</b>	592,800	2.32	1,372,440
Todd	12,700	2.5	31,750	Bell	1,000	1.2	1,200
Union	7,600	1.9	14,440	Boyd	3,400	1.7	5,780
Webster	10,000	2.5	25,000	Breathitt	1,200	2.6	3,120
<b>DISTRICT 2</b>	232,100	2.33	540,040	Carter	11,600	2.6	30,160
Adair	39,900	2.9	115,710	Clay	4,000	2.3	9,200
Allen	39,800	2.5	99,500	Elliott	7,000	1.9	13,300
Barren	65,400	2.4	156,960	Estill	8,600	2.1	18,060
Breckinridge	41,500	2.5	103,750	Floyd	900	1.9	1,710
Bullitt	10,000	2.1	21,000	Greenup	11,400	2.2	25,080
Butler	18,800	2.2	41,360	Jackson	13,800	2.1	28,980
Casey	32,600	2.9	94,540	Johnson	2,100	2.1	4,410
Clinton	15,900	2.6	41,340	Knox	7,300	1.6	11,680
Cumberland	13,200	2.4	31,680	Laurel	26,400	2.1	55,440
Edmonson	17,300	2.7	46,710	Lawrence	4,200	1.8	7,560
Grayson	40,200	2.4	96,480	Lee	4,300	2.2	9,460
Green	33,000	2.9	95,700	Lewis	16,600	2.2	36,520
Hardin	35,100	2.2	77,220	McCreary	3,200	1.6	5,120
Hart	30,100	2.8	84,280	Magoffin	2,300	2.3	5,290
Jefferson	7,300	1.9	13,870	Menifee	5,800	2.2	12,760
Larue	27,500	2.6	71,500	Morgan	11,000	3.0	33,000
Marion	35,300	2.5	88,250	Owsley	2,600	1.7	4,420
Meade	19,000	3.0	57,000	Perry	1,100	3.1	3,410
Metcalfe	26,800	3.0	80,400	Pike	600	1.6	960
Monroe	35,200	3.0	105,600	Powell	4,200	1.7	7,140
Nelson	36,200	2.4	86,880	Pulaski	55,500	2.6	144,300
Russell	21,900	2.5	54,750	Rockcastle	14,800	2.9	42,920
Taylor	25,700	3.0	77,100	Rowan	10,100	2.2	22,220
Warren	47,100	2.5	117,750	Wayne	19,300	2.9	55,970
<b>DISTRICT 3</b>	714,800	2.60	1,859,330	Whitley	13,200	1.4	18,480
Boone	13,500	2.3	31,050	Wolfe	5,900	2.6	15,340
Bracken	15,900	2.2	34,980	Other Counties <sup>1/</sup>	900	2.44	2,200
Campbell	11,400	2.4	27,360	<b>DISTRICT 6</b>	274,300	2.32	635,190
Carroll	9,000	2.5	22,500	<b>KENTUCKY</b>	2,100,000	2.40	5,040,000
Gallatin	5,000	2.2	11,000	<b>TOP PRODUCING COUNTIES</b>			
Grant	20,100	2.1	42,210	(Tons)			
Henry	33,000	2.1	69,300	Barren		156,960	
Kenton	10,700	1.9	20,330	Pulaski		144,300	
Oldham	6,900	2.3	15,870	Madison		130,480	
Owen	28,000	2.1	58,800	Warren		117,750	
Pendleton	24,900	2.2	54,780	Adair		115,710	
Trimble	7,400	2.4	17,760				
<b>DISTRICT 4</b>	185,800	2.18	405,940				

<sup>1/</sup>Less than 500 acres harvested included in "Other Counties".

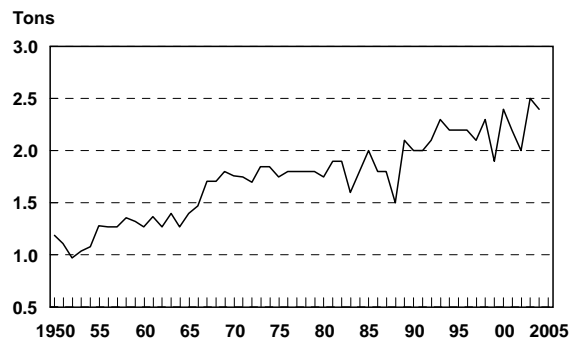
# ALL OTHER HAY PRODUCTION – 2004



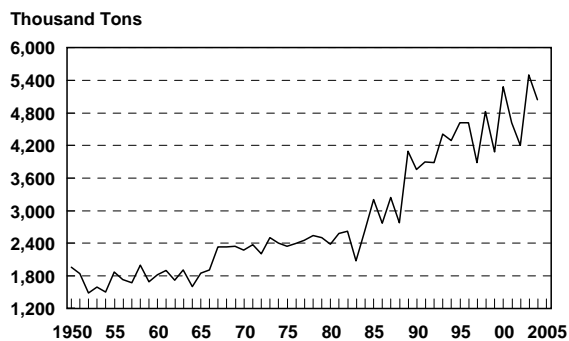
**Kentucky All Other Hay  
Acres Harvested  
(1950 - 2004)**



**Kentucky All Other Hay  
Yield Per Harvested Acre  
(1950 - 2004)**



**Kentucky All Other Hay  
Production  
(1950 - 2004)**



## SORGHUM COUNTY ESTIMATES – 2004

District and County	Acres Planted	Acres Harv. <u>1/</u>	Yield Harv. Acre	Production
<b>(Bushels)</b>				
McCracken	1,000	1,000	89	89,000
Other Counties <u>2/</u>	1,150	1,000	82.3	82,300
<b>DISTRICT 1</b>	2,150	2,000	85.7	171,300
Daviess	1,050	1,050	88	92,400
Henderson	1,500	1,350	89	120,150
Hopkins	2,300	2,000	66	132,000
McLean	1,000	900	88	79,200
Muhlenberg	700	500	87	43,500
Union	1,200	1,200	80	96,000
Webster	1,100	1,100	93	102,300
Other Counties <u>2/</u>	1,900	1,700	75.5	128,370
<b>DISTRICT 2</b>	10,750	9,800	81.0	793,920
<b>OTHER DISTRICTS</b>	2,100	1,200	62.3	74,780
<b>KENTUCKY</b>	15,000	13,000	80.0	1,040,000

1/Harvested for Grain. 2/Less than 500 acres harvested included in "Other Counties".

## BARLEY COUNTY ESTIMATES – 2004

District and County	Acres Planted	Acres Harv. <u>1/</u>	Yield Harv. Acre	Production
<b>(Bushels)</b>				
Logan	2,300	2,200	85	187,000
Simpson	2,600	2,500	80	200,000
Todd	1,500	1,300	89	115,700
Other Counties <u>2/</u>	400	400	79.4	31,740
<b>DISTRICT 2</b>	6,800	6,400	83.5	534,440
<b>OTHER DISTRICTS</b>	2,200	1,600	51.0	81,560
<b>KENTUCKY</b>	9,000	8,000	77.0	616,000

1/Harvested for Grain. 2/Less than 500 acres harvested included in "Other Counties".

## APPLES AND PEACHES

Utilized production of commercial apples in Kentucky totaled 7.30 million pounds in 2004, up 3 percent from the 2003 crop. Prices averaged 36.4 cents per pound, up 3.7 cents from 2003. The value of utilized production totaled \$2.66 million, up from the \$2.32 million in 2003. The larger apple crop resulted from good growing conditions, plentiful rain and absence of a late freeze this past spring. Some producers planted new trees to replace older trees.

U.S. utilized apple production for 2004 was estimated at 10.3 billion pounds, up 19 percent from the 2003 level. Utilized production for Washington and New York increased 33 percent and 21 percent, respectively, while Michigan's utilized production decreased 15 percent compared to the previous year. In Washington, excellent growing conditions allowed production to rebound from the short 2003 crop. Yield potential in Michigan was reduced by a hard freeze during the first

week of May. Widespread hail storms in the early fall further curtailed Michigan production. A spring heat wave in California reduced fruit size and resulted in lower production. Hurricane winds increased fruit drop but ample rainfall increased fruit size in Pennsylvania.

Kentucky's utilized peach production totaled 750 tons in 2004, down from the 2003 crop. Prices averaged \$1,290.00 per ton, up \$180.00 from 2003. Value of all utilized 2004 production totaled \$968,000 compared to \$1.00 million in 2003. Good growing conditions combined with plentiful soil moisture and absence of a late freeze produced a good peach crop.

U.S. utilized peach production in 2004 was estimated at 1.23 million tons, up 2 percent from the previous year and 1 percent above 2002. The California crop, accounting for 76 percent of the U.S. utilized peach production, was up 1 percent from 2003.

### KENTUCKY APPLES UTILIZED PRODUCTION AND VALUE 1995 – 2004

YEAR	FRESH UTILIZATION		PROCESSED UTILIZATION		TOTAL UTILIZATION		
	Quantity	Price Per Pound	Quantity	Price Per Ton	Quantity	Price Per Pound	Value of Production
	(Mil Lbs.)	(Cents)	(Mil Lbs.)	(Dollars)	(Mil Lbs.)	(Cents)	(\$1,000)
1995	8.7	27.8	1.4	224.00	10.1	25.5	2,576
1996	8.5	32.4	1.1	510.00	9.6	31.6	3,035
1997	4.9	27.0	0.9	420.00	5.8	26.1	1,512
1998	9.0	28.4	0.0	0.00	9.0	28.4	2,556
1999	6.6	30.5	0.4	188.00	7.0	29.3	2,051
2000	4.9	27.3	0.7	166.00	5.6	24.9	1,396
2001	6.5	30.5	0.5	188.00	7.0	29.0	2,030
2002	3.8	33.0	0.2	180.00	4.0	31.8	1,272
2003	7.0	33.0	0.1	240.00	7.1	32.7	2,322
<b>2004</b>	<b>6.9</b>	<b>38.0</b>	<b>0.4</b>	<b>180.00</b>	<b>7.3</b>	<b>36.4</b>	<b>2,658</b>

### KENTUCKY PEACHES UTILIZED PRODUCTION AND VALUE 1995 – 2004 <sup>1/</sup>

YEAR	FRESH UTILIZATION		PROCESSED UTILIZATION		TOTAL UTILIZATION		
	Quantity	Price Per Ton	Quantity	Price Per Ton	Quantity	Price Per Ton	Value of Production
	(Tons)	(Dollars)	(Tons)	(Dollars)	(Tons)	(Dollars)	(\$1,000)
1995	1,950	644.00	-	-	1,950	644.00	1,256
1996	200	1,246.00	-	-	200	1,246.00	249
1997	250	600.00	-	-	250	600.00	150
1998	750	750.00	-	-	750	750.00	563
1999	850	860.00	-	-	850	860.00	731
2000	550	692.00	-	-	550	692.00	381
2001	900	974.00	-	-	900	974.00	877
2002	600	1,090.00	-	-	600	1,090.00	654
2003	900	1,110.00	-	-	900	1,110.00	1,003
<b>2004</b>	<b>750</b>	<b>1,290.00</b>	<b>-</b>	<b>-</b>	<b>750</b>	<b>1,290.00</b>	<b>968</b>

<sup>1/</sup>Production estimates changed from million pounds to tons in 2004.

## KENTUCKY SOYBEAN VARIETIES - 2004

Asgrow AG4403 was the leading variety of soybeans planted in 2004. Farmers planted 7.5 percent of 1.31 million acres of soybeans to Asgrow AG4403. Garst D484 RR/N with 5.9 percent was the second most popular variety planted in 2004. Southern Cross Michael ranked third with 4.6 percent. In 2001 the three leading soybean varieties planted were Asgrow AG4702, Pioneer Brand 9492, and Pioneer Brand 94B01.

The other two varieties in the top five for 2004 were Pioneer Brand 94B73 and Southern Cross Silas with 3.9 and 3.4 percent respectively. The top five varieties accounted for 25.3 percent where as in 2001 the top five accounted for 26.0 percent of the State's total soybean acreage. Of the 20 varieties with 1 percent or more of the planted acreage, 17 varieties were new to the variety table while 3 were repeat varieties. The survey was based on 145,000 tabulated acres.

### PERCENTAGE OF SOYBEAN ACREAGE SEEDED

VARIETY	2004	2001	1998	1995	1993
Asgrow AG4403	7.5	1.4	-	-	-
Garst D484 RR/N	5.9	2.6	-	-	-
Southern Cross Michael	4.6	-	-	-	-
Pioneer Brand 94B73	3.9	-	-	-	-
Southern Cross Silas	3.4	-	-	-	-
Southern Cross Titus	3.4	-	-	-	-
Pioneer Brand 94B13	3.2	-	-	-	-
DeKalb DKB 46-51	2.8	-	-	-	-
Pioneer Brand 95B32	2.6	-	-	-	-
DeKalb DKB 38-52	2.5	-	-	-	-
Asgrow AG4603	2.1	-	-	-	-
Northrup King S49-Q9	2.0	-	-	-	-
Pioneer Brand 94M70	1.9	-	-	-	-
Pioneer Brand 94B74	1.8	-	-	-	-
Asgrow AG4201	1.7	-	-	-	-
Garst 4512 RR/N	1.5	-	-	-	-
Crop Prod Serv CPS 6482 NRR	1.3	1.1	-	-	-
Becks RM 4.7-476 NRR	1.2	-	-	-	-
Southern States RT 446N	1.2	-	-	-	-
Asgrow AG5301	1.1	-	-	-	-
Asgrow AG4702	-	11.7	-	-	-
Pioneer Brand 9492	-	5.0	2.1	-	-
Pioneer Brand 94B01	-	3.9	-	-	-
Hutcheson	-	2.8	3.7	10.7	7.8
Pioneer Brand 94B53	-	2.5	-	-	-
Asgrow AG3701	-	2.4	-	-	-
Southern States FFR 439	-	2.4	4.4	-	-
Asgrow A4715	-	2.2	5.0	21.5	9.6
Asgrow A5547	-	2.1	1.1	-	-
Asgrow AG4301	-	1.9	-	-	-
Dekalb CX 480	-	1.7	-	-	-
Pioneer Brand 93B82	-	1.7	-	-	-
Southern States SS446	-	1.6	2.8	-	-
Asgrow AG5001	-	1.5	-	-	-
Asgrow AG4902	-	1.4	-	-	-
Asgrow AG5501	-	1.4	-	-	-
Pioneer Brand 9482	-	1.4	2.1	-	-
Callahan 3484	-	1.2	2.0	-	-
Asgrow AG4601	-	1.1	2.6	-	-
Asgrow AG4701	-	1.1	3.6	-	-
Southern Cross Joshua	-	1.1	3.5	-	-
Crows 48009 RN	-	1.0	-	-	-
All Other 1/	44.4	41.8	41.5	52.5	62.4

1/Includes reported varieties which comprise less than 1 percent of Kentucky's total reported planted soybean acreage as well as reports where the variety was unknown.

### SOYBEAN VARIETY RANKINGS, SELECTED KENTUCKY REGIONS, 2004<sup>1/</sup>

Region	First	%	Second	%	Third	%	Fourth	%
Far Western	Asgrow AG4403	14.4	Garst D484 RR/N	9.5	Pioneer Brand 94B73	6.9	Pioneer Brand 95B32	6.7
Midwestern	Southern Cross Michael	6.3	Southern Cross Titus	6.3	Southern Cross Silas	5.9	Asgrow AG 4403	5.1
Central	Southern Cross Michael	8.9	Garst D484 RR/N	4.6	Pioneer Brand 94B73	4.4	Croplan RC3939	4.0

1/These 3 regions (Agr'l Districts 1, 2, & 3) made up 93.0 percent of Kentucky's soybean acreage planted in 2004.



## KENTUCKY WHEAT VARIETIES - 2004

Pioneer Brand 25R37 was the leading wheat variety seeded in the fall of 2003 for 2004 wheat production. Pioneer Brand 25R37 accounted for 17.7 percent of the 530,000 acres seeded in 2003 for 2004 harvest. Pioneer Brand 25R78 with 10.5 percent of the seeded acreage ranked second followed by Pioneer 2552 with 9.4 percent, Pioneer 25R23 with 4.8 percent and Exsegen Rebekah with 4.6 percent. The top five varieties accounted for 47 percent, while in 2001 the top five varieties accounted for 43.8 percent. Pioneer Brand 2552

was the leading variety in the 2001 survey with 21.9 percent and Pioneer 2568 was second with 8.5 percent. Of the 14 varieties with 1 percent or more of the seeded acreage 7 varieties were new to the table while 7 were repeat varieties. A total of 32.9 percent was reported by growers as varieties with less than 1 percent of all varieties seeded or unknown variety. Unknown variety included both soft and hard red wheat. A sizable amount of the unknown acreage was used as cover crop for tobacco and not harvested for grain. The survey was based on 50,800 tabulated acres.

### PERCENTAGE OF WHEAT ACREAGE SEEDED

CLASS AND VARIETY	2004	2001	1998	1995	1989
<u>Soft Red Winter</u>					
Pioneer Brand 25R37	17.7	-	-	-	-
Pioneer Brand 25R78	10.5	-	-	-	-
Pioneer Brand 2552	9.4	21.9	14.4	-	-
Pioneer Brand 25R23	4.8	-	-	-	-
Exsegen Rebekah	4.6	2.0	-	-	-
Clark	4.4	6.5	6.7	15.5	25.2
Exsegen Esther	4.0	1.1	-	-	-
Southern States 520	2.8	-	-	-	-
Southern States 535	2.6	1.4	-	-	-
Southern States 550	1.7	-	-	-	-
Pioneer Brand 25R49	1.3	-	-	-	-
NK Coker 9663	1.2	1.8	-	-	-
Hopewell	1.1	-	-	-	-
Pioneer Brand 2568	1.0	8.5	4.6	-	-
Patterson	-	3.5	4.5	-	-
Pioneer Brand 2545	-	3.4	2.9	3.9	1.5
Madison	-	3.1	8.9	15.1	10.5
Southern States 523	-	2.6	2.4	-	-
Roane	-	2.0	-	-	-
Agripro Elkhart	-	1.8	1.9	-	-
Pioneer Brand 25R26	-	1.8	1.1	-	-
Agripro Patton	-	1.6	-	-	-
NK Coker 9474	-	1.5	2.3	-	2.3
Southern States SS 555	-	1.5	7.1	8.3	2.4
Independence	-	1.3	-	-	-
All Other Soft <u>1/</u>	30.6	31.2	23.8	36.4	38.7
All Hard Red Winter <u>2/</u>	2.3	1.5	3.0	1.0	3.8

1/Includes reported varieties which comprise less than 1 percent of the State's total reported seeded acreage as well as reports where the variety was unknown. 2/Includes all reports of hard wheat, both known and unknown varieties.

### WHEAT VARIETY RANKINGS, SELECTED KENTUCKY REGIONS, 2004<sup>1/</sup>

Region	First	%	Second	%	Third	%	Fourth	%
Far Western	Pioneer Brand 25R37	27.1	Pioneer 25R78	17.4	Pioneer Brand 2552	15.8	Pioneer Brand 25R23	7.6
Midwestern	Pioneer Brand 25R37	22.4	Pioneer 25R78	10.8	Pioneer Brand 2552	9.6	Exsegen Esther	9.1
Central	Pioneer Brand 25R37	8.5	Pioneer 25R78	8.5	Southern States 535	6.8	Southern States 520	5.9
Bluegrass	Exsegen Rebekah	7.0	Southern States 520	6.9	Southern States 535	4.0	Southern States 558	2.8

<sup>1/</sup>These 4 regions (Agr'l Districts 1, 2, 3 & 5) made up 93.1 percent of Kentucky's wheat acreage seeded in 2003.

# LIVESTOCK & POULTRY

- State Rankings
- Poultry
- Livestock Inventory & Value
- County Estimates

## JANUARY 1, 2005 STATE RANKINGS FOR LIVESTOCK

Rank	ALL CATTLE		BEEF COWS <sup>1/</sup>		MILK COWS <sup>1/</sup>	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	13,800	Texas	5,432	California	1,740
2.	Kansas	6,650	Missouri	2,161	Wisconsin	1,235
3.	Nebraska	6,350	Oklahoma	2,055	New York	650
4.	California	5,400	Nebraska	1,909	Pennsylvania	566
5.	Oklahoma	5,400	South Dakota	1,720	Minnesota	460
6.	Missouri	4,450	Kansas	1,550	Idaho	435
7.	South Dakota	3,750	Montana	1,432	New Mexico	318
8.	Iowa	3,600	<b>KENTUCKY</b>	<b>1,090</b>	Texas	318
9.	Wisconsin	3,350	Tennessee	1,078	Michigan	307
10.	Colorado	2,500	Iowa	1,013	Ohio	266
11.	Minnesota	2,400	Arkansas	984	Washington	235
12.	Montana	2,350	Florida	952	Iowa	187
13.	<b>KENTUCKY</b>	<b>2,250</b>	North Dakota	947	Arizona	165
14.	Tennessee	2,170	Wyoming	756	Indiana	155
15.	Idaho	2,070	Alabama	724	Vermont	143
16.	Arkansas	1,900	California	720	Florida	138
17.	Florida	1,740	Virginia	705	Oregon	120
18.	North Dakota	1,710	Colorado	639	Missouri	119
19.	Virginia	1,640	Oregon	630	Kansas	110
20.	Pennsylvania	1,630	Georgia	596	<b>KENTUCKY</b>	<b>110</b>
21.	New Mexico	1,500	Mississippi	564	Illinois	105
22.	Oregon	1,430	Louisiana	494	Virginia	105
23.	New York	1,410	Idaho	475	Colorado	101
24.	Illinois	1,380	New Mexico	472	Utah	88
25.	Wyoming	1,350	Illinois	460	Georgia	84
26.	Alabama	1,320	North Carolina	400	South Dakota	80
27.	Ohio	1,300	Minnesota	395	Oklahoma	75
28.	Georgia	1,210	Utah	347	Maryland	73
29.	Washington	1,080	Ohio	294	Tennessee	72
30.	Mississippi	1,070	Wisconsin	245	Nebraska	61
31.	Michigan	1,010	Nevada	240	North Carolina	55
32.	Arizona	910	Washington	240	Louisiana	36
33.	North Carolina	870	Indiana	230	Maine	33
34.	Louisiana	860	South Carolina	222	North Dakota	33
35.	Utah	860	West Virginia	197	Arkansas	26
36.	Indiana	850	Arizona	175	Mississippi	26
37.	Nevada	500	Pennsylvania	154	Nevada	25
38.	South Carolina	435	Michigan	93	Connecticut	20
39.	West Virginia	405	Hawaii	81.3	Montana	18
40.	Vermont	275	New York	80	South Carolina	18
41.	Maryland	235	Maryland	43	Massachusetts	17
42.	Hawaii	155	Maine	12	Alabama	16
43.	Maine	92	New Jersey	10	New Hampshire	16
44.	Connecticut	56	Vermont	10	West Virginia	13
45.	Massachusetts	48	Connecticut	7	New Jersey	12
46.	New Jersey	44	Massachusetts	7	Delaware	8
47.	New Hampshire	40	Alaska	5.4	Hawaii	5.7
48.	Delaware	23	Delaware	4	Wyoming	4
49.	Alaska	14.5	New Hampshire	4	Alaska	1.2
50.	Rhode Island	5.5	Rhode Island	1.7	Rhode Island	1.1
	<b>UNITED STATES <sup>2/</sup></b>	<b>95,848.0</b>		<b>33,055.4</b>		<b>9,005.0</b>

<sup>1/</sup>Includes cows and heifers that have calved. <sup>2/</sup>Totals may not add due to rounding.

# JANUARY 1, 2005 STATE RANKINGS FOR LIVESTOCK

Rank	ALL HOGS & PIGS <u>1/</u>		ALL CHICKENS <u>1/ 2/</u>		BROILERS <u>3/</u>	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Iowa	16,100	Iowa	57,534	Georgia	1,298,900
2.	North Carolina	9,800	Ohio	36,030	Arkansas	1,241,500
3.	Minnesota	6,500	Indiana	30,715	Alabama	1,052,000
4.	Illinois	4,000	Georgia	29,352	Mississippi	827,800
5.	Indiana	3,150	Pennsylvania	27,932	North Carolina	720,200
6.	Missouri	2,900	California	24,596	Texas	620,700
7.	Nebraska	2,850	Texas	24,560	<b>KENTUCKY</b>	<b>290,800</b>
8.	Oklahoma	2,400	Arkansas	24,012	Maryland	284,600
9.	Kansas	1,720	North Carolina	17,720	Virginia	263,000
10.	Ohio	1,450	Minnesota	14,465	Oklahoma	243,800
11.	South Dakota	1,330	Alabama	14,266	Delaware	240,700
12.	Pennsylvania	1,080	Nebraska	13,972	South Carolina	204,500
13.	Texas	980	Florida	13,087	Tennessee	195,900
14.	Michigan	940	Mississippi	11,148	Pennsylvania	133,500
15.	Colorado	800	Missouri	9,434	West Virginia	86,400
16.	Utah	690	Michigan	9,336	Florida	78,500
17.	Wisconsin	430	South Carolina	7,043	Minnesota	46,300
18.	Virginia	375	<b>KENTUCKY</b>	<b>6,958</b>	Ohio	41,600
19.	<b>KENTUCKY</b>	350	Wisconsin	6,480	Wisconsin	33,800
20.	Arkansas	330	Washington	5,933	Nebraska	4,300
21.	Mississippi	315	New York	5,498	New York	2,600
22.	South Carolina	300	Oklahoma	5,440		
23.	Georgia	275	Colorado	4,991		
24.	Tennessee	215	Illinois	4,948		
25.	Alabama	180	Virginia	4,906		
26.	North Dakota	169	Maryland	4,641		
27.	Montana	165	Maine	4,251		
28.	California	140	Utah	3,877		
29.	Arizona	136	South Dakota	3,723		
30.	Wyoming	114	Oregon	3,670		
31.	New York	84	Connecticut	3,617		
32.	Oregon	27	Louisiana	2,574		
33.	Maryland	26	Tennessee	2,400		
34.	Washington	26	West Virginia	2,263		
35.	Hawaii	22	New Jersey	2,084		
36.	Idaho	21	Idaho	1,247		
37.	Florida	20	Hawaii	598		
38.	Louisiana	16	Montana	480		
39.	Delaware	15	Massachusetts	307		
40.	Massachusetts	12	New Hampshire	251		
41.	New Jersey	11	Vermont	225		
42.	West Virginia	10	Wyoming	17		
43.	Nevada	5.5				
44.	Maine	5				
45.	Connecticut	4.2				
46.	New Hampshire	3.6				
47.	New Mexico	2.5				
48.	Rhode Island	2				
49.	Vermont	2				
50.	Alaska	1.7				
<b>UNITED STATES <u>2/</u></b>		<b>60,501</b>	<b>454,165</b>		<b>8,740.7</b>	

1/December 1 preceding year. 2/Excludes commercial broilers. 3/Annual production - December 1, 2003 - November 30, 2004. 4/Totals may not add due to rounding. 5/States not listed are included in the U.S. totals.

## 2004 LIVESTOCK HIGHLIGHTS

### CATTLE AND CALVES

Kentucky's **All Cattle and Calf** inventory totaled 2.25 million head on January 1, 2005. This was down 3 percent from the January 1, 2004 estimate of 2.32 million head. Beef cow inventory totaled 1.09 million head, down 3 percent from January 1, 2004. Milk cow numbers were a record low 110,000 head on January 1, 2005, down 2,000 head from 2004. Heifers over 500 pounds increased from January 2004. Bulls over 500 pounds, and calves under 500 pounds decreased from January 2004. The 2004 calf crop totaled 1.04 million head, down 6 percent from 2003.

The all cattle and calves total value as of January 1, 2005 was \$1.82 billion, up 12 percent from 2004. Average value per head was \$810, compared with \$700 on January 1, 2004. Cash receipts from marketings totaled \$620.7 million during 2004, up 14 percent from 2003. Marketings for 2004 were 3 percent below 2003 but prices increased. Cattle prices averaged \$84.30 per hundredweight during 2004 compared with \$72.30 during 2003. Calves averaged \$112.00 per hundredweight compared with \$92.00 during 2003.

### HOGS AND PIGS

The December 1, 2004 **Hog and Pig** inventory totaled 350,000 head. This was down 8 percent from 2003. Hogs for breeding totaled 40,000 on December 1, 2004, down 11 percent from 2003. December 2004 market hogs, at 310,000 head, were 7 percent below 2003.

The 2004 pig crop totaled 762,000 compared with 644,000 during 2003. Pigs saved per litter averaged 8.96, compared with the 2003 average of 8.59. Producers

farmed 85,000 sows during 2004 compared with 75,000 during 2003.

Kentucky's hog and pig inventory was valued at \$27.7 million on December 1, 2004, up 35 percent from the previous year. Cash receipts from marketings increased 57 percent from 2003 to \$104.5 million. Marketings increased from 2003, and the average price during 2004 was \$48.10 per hundredweight, compared with \$36.40 in 2003.

### ALL POULTRY

**All Poultry** includes broilers, eggs and other poultry. Cash receipts from all poultry totaled \$816.6 million, the second highest for the State. Only horses and stud fees generated more cash receipts.

**Broiler** production for 2004 totaled 1.57 billion pounds from 290.8 million birds. Value of production was \$690.9 million. Compared with 2003, broiler production increased 5 percent and cash receipts increased 36 percent. Average value per

pound was 44 cents during 2004 compared with 34 cents during 2003.

The December 1, 2004 inventory of **All Other Chickens** (excluding broilers) totaled 6.96 million birds, down 3 percent from the previous December. Laying flocks produced 1.23 billion eggs during 2004, a 10 percent increase from 2003. Cash receipts from eggs totaled \$88.1 million for 2004, 6 percent above 2003. Eggs averaged 85.8 cents per dozen in 2004 compared with 88.9 cents during 2003.

**EGG PRODUCTION AND VALUE 1965 - 2004 <sup>1/</sup>**

Year	Average Number of Layers	Eggs Per Layer <sup>2/</sup>	Number Produced	Price Per Dozen	Value of Production
	(1,000 Head)		(Million)	(Cents)	(\$1,000)
1965	3,313	199	658	31.8	17,437
1970	2,744	208	572	37.9	18,065
1975	2,254	230	518	49.1	21,195
1980	2,323	231	536	51.6	23,048
1985	1,797	240	431	51.7	18,569
1990	1,648	250	412	67.7	23,244
1991	1,996	254	507	73.5	31,054
1992	2,248	262	588	61.7	30,233
1993	2,398	262	629	68.0	35,643
1994	2,635	258	680	63.7	36,097
1995	2,677	254	679	65.4	37,006
1996	2,702	246	664	79.2	43,824
1997	2,847	249	710	74.4	44,020
1998	3,516	245	863	72.5	52,140
1999	3,795	243	922	78.5	60,314
2000	3,769	249	940	90.4	70,813
2001	3,798	246	933	93.5	72,696
2002	4,019	234	940	83.7	65,565
2003 <sup>3/</sup>	4,659	241	1,122	88.9	83,153
<b>2004</b>	4,982	247	1,231	85.8	88,067

<sup>1/</sup>Annual estimates beginning in 1970 cover the period Dec. 1 previous year through Nov. 30. <sup>2/</sup>Total egg production divided by average number of layers. <sup>3/</sup>Revised.

**BROILERS PRODUCTION AND VALUE 1965 - 2004 <sup>1/ 2/</sup>**

Year	Number Produced	Pounds Produced	Price Per Pound <sup>3/</sup>	Value of Production <sup>4/</sup>
	(1,000)		(Cents)	(\$1,000)
1965	10,737	37,580	14.7	5,524
1970	7,334	26,402	14.0	3,696
1975	5,870	26,415	25.2	6,657
1980	3,195	11,183	27.0	3,019
1985	3,176	14,610	28.0	4,091
1990	1,520	6,232	30.0	1,870
1991	22,200	88,800	28.0	24,864
1992	43,300	173,200	28.0	48,496
1993	43,500	174,000	30.0	52,200
1994	56,500	237,300	30.0	71,190
1995	64,500	258,000	32.0	82,560
1996	77,000	331,100	37.0	122,507
1997	110,600	497,700	37.0	184,149
1998	172,000	842,800	39.5	332,906
1999	188,800	981,800	37.0	363,266
2000	230,000	1,150,000	33.0	379,500
2001	253,400	1,292,300	39.0	503,997
2002	269,900	1,403,500	30.0	421,050
2003	275,900	1,489,900	34.0	506,566
<b>2004</b>	<b>290,800</b>	<b>1,570,300</b>	<b>44.0</b>	<b>690,932</b>

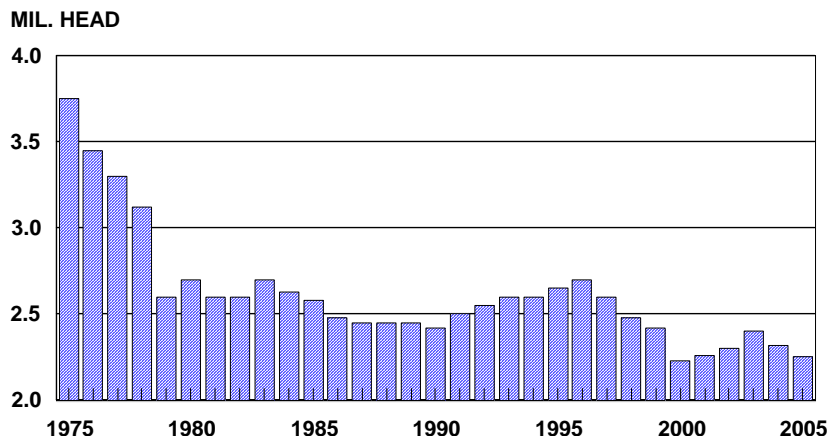
<sup>1/</sup>Annual estimates cover the period Dec. 1 previous year through Nov. 30. <sup>2/</sup>Broiler production including other meat-type breeds. <sup>3/</sup>Live weight equivalent price. <sup>4/</sup>Gross income including home consumption.

### CATTLE INVENTORY, KENTUCKY, JANUARY 1, 1999-2005 <sup>1/</sup>

ITEM	1999	2000	2001	2002	2003	2004	2005
	1,000 HEAD						
ALL CATTLE	2,420	2,230	2,260	2,300	2,400	2,320	2,250
COWS & HEIFERS THAT HAVE CALVED	1,240	1,180	1,190	1,200	1,230	1,240	1,200
BEEF	1,105	1,050	1,060	1,075	1,110	1,128	1,090
MILK	135	130	130	125	120	112	110
HEIFERS 500 LBS. & OVER	310	270	300	310	345	310	315
BEEF REPLACEMENT	150	145	160	170	175	160	170
MILK REPLACEMENT	55	45	40	40	45	40	45
OTHER	105	80	100	100	125	110	100
STEERS 500 LBS. & OVER	225	180	200	215	215	190	190
BULLS 500 LBS. & OVER	75	70	70	75	80	80	75
CALVES UNDER 500 LBS.	570	530	500	500	530	500	470
TOTAL CATTLE ON FEED	15	15	20	15	10	10	10
CALVES BORN DURING YEAR	1,120	1,090	1,080	1,100	1,110	1,040	--

<sup>1/</sup>TOTALS MAY NOT ADD DUE TO ROUNDING.

### CATTLE INVENTORY KENTUCKY, JANUARY 1, 1975-2005



### CATTLE AND CALVES, PRODUCTION, DISPOSITION, AND INCOME, KENTUCKY, 1999-2004

YEAR	NUMBER ON HAND BEGINNING OF YEAR	CALF CROP	INSHIPMENTS	MARKETINGS 1/		FARM SLAUGHTER 2/	DEATHS		NUMBER ON HAND END OF YEAR
				CATTLE	CALVES		CATTLE	CALVES	
1,000 HEAD									
1999	2,420	1,120	170	805	550	7	43	75	2,230
2000	2,230	1,090	160	595	509	6	38	72	2,260
2001	2,260	1,080	100	550	473	6	36	75	2,300
2002	2,300	1,110	72	505	441	6	42	78	2,400
2003	2,400	1,110	65	590	531	6	40	88	2,320
2004	2,320	1,040	75	581	493	6	35	70	2,250

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			CATTLE	CALVES			
1,000 POUNDS		DOLLARS		1,000 DOLLARS			
1999	642,575	857,480	59.30	80.20	555,444	10,593	566,037
2000	630,356	682,130	71.90	96.10	540,855	9,575	550,430
2001	622,480	630,920	71.70	96.20	499,782	9,793	509,575
2002	622,499	581,350	64.90	84.90	413,376	8,638	422,014
2003	618,973	691,590	72.30	92.00	543,872	10,462	554,334
2004	598,892	668,340	84.30	112.00	620,650	12,549	633,199

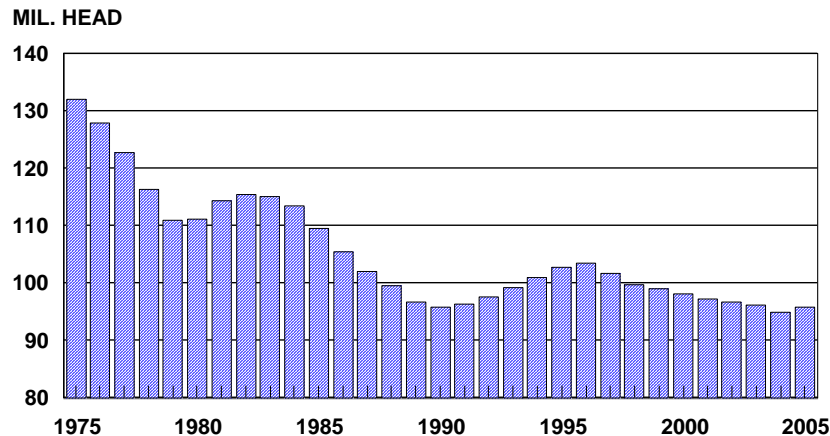
<sup>1/</sup>INCLUDES CUSTOM SLAUGHTER FOR USE ON FARMS WHERE PRODUCED AND STATE OUTSHIPMENTS, BUT EXCLUDES INTERFARM SALES WITHIN THE STATE. <sup>2/</sup>EXCLUDES CUSTOM SLAUGHTER FOR FARMERS AT COMMERCIAL ESTABLISHMENTS.

### CATTLE INVENTORY, UNITED STATES, JANUARY 1, 1999-2005 <sup>1/</sup>

ITEM	1999	2000	2001	2002	2003	2004 <sup>2/</sup>	2005
	1,000 HEAD						
ALL CATTLE	99,115	98,199	97,298	96,723	96,100	94,888	95,848
COWS & HEIFERS THAT HAVE CALVED	42,878	42,758	42,570	42,239	42,125	41,851	42,060
BEEF	33,750	33,575	33,398	33,134	32,983	32,861	33,055
MILK	9,128	9,183	9,172	9,106	9,142	8,990	9,005
HEIFERS 500 LBS. & OVER	19,774	19,650	19,776	19,683	19,628	19,345	19,673
BEEF REPLACEMENT	5,535	5,503	5,588	5,571	5,624	5,518	5,746
MILK REPLACEMENT	4,069	4,000	4,057	4,055	4,114	4,020	4,133
OTHER	10,170	10,147	10,131	10,057	9,891	9,806	9,793
STEERS 500 LBS. & OVER	16,891	16,682	16,461	16,804	16,554	16,277	16,511
BULLS 500 LBS. & OVER	2,281	2,293	2,274	2,244	2,248	2,206	2,219
CALVES UNDER 500 LBS.	17,290	16,816	16,216	15,753	15,545	15,210	15,385
TOTAL CATTLE ON FEED	13,284	14,073	14,276	14,050	13,220	13,813	13,749
CALVES BORN DURING YEAR	38,796	38,631	38,300	38,224	37,903	37,625	--

<sup>1/</sup>TOTALS MAY NOT ADD DUE TO ROUNDING. <sup>2/</sup>REVISED.

### CATTLE INVENTORY, UNITED STATES, JANUARY 1, 1975-2005



### CATTLE AND CALVES, PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1999-2004

YEAR	NUMBER ON HAND BEGINNING OF YEAR	CALF CROP	INSHIPMENTS	MARKETINGS 1/		FARM SLAUGHTER 2/	DEATHS		NUMBER ON HAND END OF YEAR
				CATTLE	CALVES		CATTLE	CALVES	
1,000 HEAD									
1999	99,115	38,796	22,836	48,683	9,540	213	1,658	2,455	98,199
2000	98,199	38,631	23,448	48,986	9,693	203	1,711	2,387	97,298
2001	97,298	38,300	21,813	47,102	9,183	194	1,722	2,487	96,723
2002	96,723	38,224	21,522	46,804	9,296	193	1,710	2,366	96,100
2003 3/	96,100	37,903	22,405	47,686	9,613	191	1,710	2,320	94,888
2004	94,888	37,625	21,397	44,808	9,065	185	1,711	2,292	95,848

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			CATTLE	CALVES			
1,000 POUNDS			DOLLARS			1,000 DOLLARS	
1999	42,578,262	56,842,215	63.40	87.70	36,568,554	330,862	36,899,416
2000	43,040,893	57,550,019	68.60	104.00	40,783,472	366,744	41,150,216
2001	42,581,294	55,527,524	71.30	106.00	40,540,645	362,317	40,902,962
2002	42,409,258	56,141,324	66.50	96.40	38,095,116	333,768	38,428,884
2003 <u>3/</u>	42,242,705	56,758,262	79.70	102.00	45,092,283	384,290	45,476,573
2004	41,501,303	53,764,917	85.90	119.00	47,295,574	427,865	47,723,439

<sup>1/</sup>INCLUDES CUSTOM SLAUGHTER FOR USE ON FARMS WHERE PRODUCED AND STATE OUTSHIPMENTS, BUT EXCLUDES INTERFARM SALES WITHIN THE STATE. <sup>2/</sup>EXCLUDES CUSTOM SLAUGHTER FOR FARMERS AT COMMERCIAL ESTABLISHMENTS. <sup>3/</sup>REVISED.

# ALL CATTLE AND CALVES COUNTY ESTIMATES JANUARY 1, 2004 – 2005

District and County	January 1 2004	January 1 2005	District and County	January 1 2004	January 1 2005
	(Number)			(Number)	
Ballard	9,500	8,800	Anderson	15,600	14,600
Calloway	13,000	12,100	Bath	24,000	24,500
Carlisle	5,500	5,500	Bourbon	55,000	53,000
Fulton	1,700	1,500	Boyle	35,000	34,000
Graves	17,000	16,300	Clark	48,000	46,500
Hickman	3,900	3,300	Fayette	15,000	14,600
Livingston	16,000	16,000	Fleming	47,000	44,500
Lyon	6,500	6,400	Franklin	14,300	13,800
McCracken	3,400	3,400	Garrard	36,000	33,500
Marshall	11,500	11,400	Harrison	33,000	33,500
Trigg	17,000	17,300	Jessamine	19,000	18,800
<b>DISTRICT 1</b>	<b>105,000</b>	<b>102,000</b>	Lincoln	50,000	48,000
Caldwell	15,000	14,800	Madison	60,000	57,000
Christian	36,000	34,700	Mason	26,000	25,000
Crittenden	18,500	18,500	Mercer	38,000	36,000
Daviess	20,000	19,000	Montgomery	29,000	28,000
Hancock	8,500	7,400	Nicholas	22,000	20,200
Henderson	10,500	10,200	Robertson	4,000	4,000
Hopkins	12,000	11,500	Scott	29,500	28,000
Logan	39,000	38,800	Shelby	36,000	35,000
McLean	6,000	5,700	Spencer	13,600	12,500
Muhlenberg	13,500	13,100	Washington	37,000	37,000
Ohio	18,000	18,200	Woodford	22,000	20,000
Simpson	14,500	13,200	<b>DISTRICT 5</b>	<b>709,000</b>	<b>682,000</b>
Todd	22,000	22,000	Bell	700	700
Union	14,000	13,400	Boyd	3,500	3,200
Webster	10,500	10,500	Breathitt	1,100	1,000
<b>DISTRICT 2</b>	<b>258,000</b>	<b>251,000</b>	Carter	10,300	10,200
Adair	47,000	47,000	Clay	3,000	2,800
Allen	61,000	52,000	Elliott	5,400	5,200
Barren	83,000	86,000	Estill	7,000	7,000
Breckinridge	42,000	42,000	Greenup	7,600	7,500
Bullitt	8,000	7,600	Jackson	10,200	10,000
Butler	18,500	18,000	Johnson	1,100	1,200
Casey	39,000	38,500	Knox	4,200	4,200
Clinton	17,500	17,000	Laurel	23,000	22,500
Cumberland	11,500	11,000	Lawrence	3,000	3,000
Edmonson	18,500	18,000	Lee	2,100	1,900
Grayson	39,000	38,000	Lewis	13,000	12,800
Green	35,000	35,000	McCreary	2,000	2,000
Hardin	40,000	37,000	Magoffin	1,700	1,500
Hart	46,000	45,000	Martin	500	1/
Jefferson	4,000	3,700	Menifee	3,800	3,400
Larue	27,000	26,000	Morgan	8,500	7,900
Marion	44,000	43,000	Owsley	1,600	1,700
Meade	21,000	21,000	Perry	700	500
Metcalfe	35,000	32,000	Pike	500	500
Monroe	51,000	50,000	Powell	2,200	2,200
Nelson	42,000	41,000	Pulaski	64,000	63,000
Russell	34,000	33,500	Rockcastle	17,000	17,000
Taylor	30,000	29,700	Rowan	5,200	5,000
Warren	66,000	65,000	Wayne	25,000	24,500
<b>DISTRICT 3</b>	<b>860,000</b>	<b>837,000</b>	Whitley	9,000	9,000
Boone	9,000	8,900	Wolfe	3,000	3,000
Bracken	13,000	12,000	Other Counties <sup>1/</sup>	1,100	1,600
Campbell	8,000	7,800	<b>DISTRICT 6</b>	<b>241,000</b>	<b>236,000</b>
Carroll	7,500	7,500	<b>KENTUCKY</b>	<b>2,320,000</b>	<b>2,250,000</b>
Gallatin	4,000	3,800			
Grant	14,000	13,900			
Henry	30,000	29,000			
Kenton	6,500	6,200			
Oldham	7,500	7,200			
Owen	24,000	22,700			
Pendleton	15,000	14,700			
Trimble	8,500	8,300			
<b>DISTRICT 4</b>	<b>147,000</b>	<b>142,000</b>			

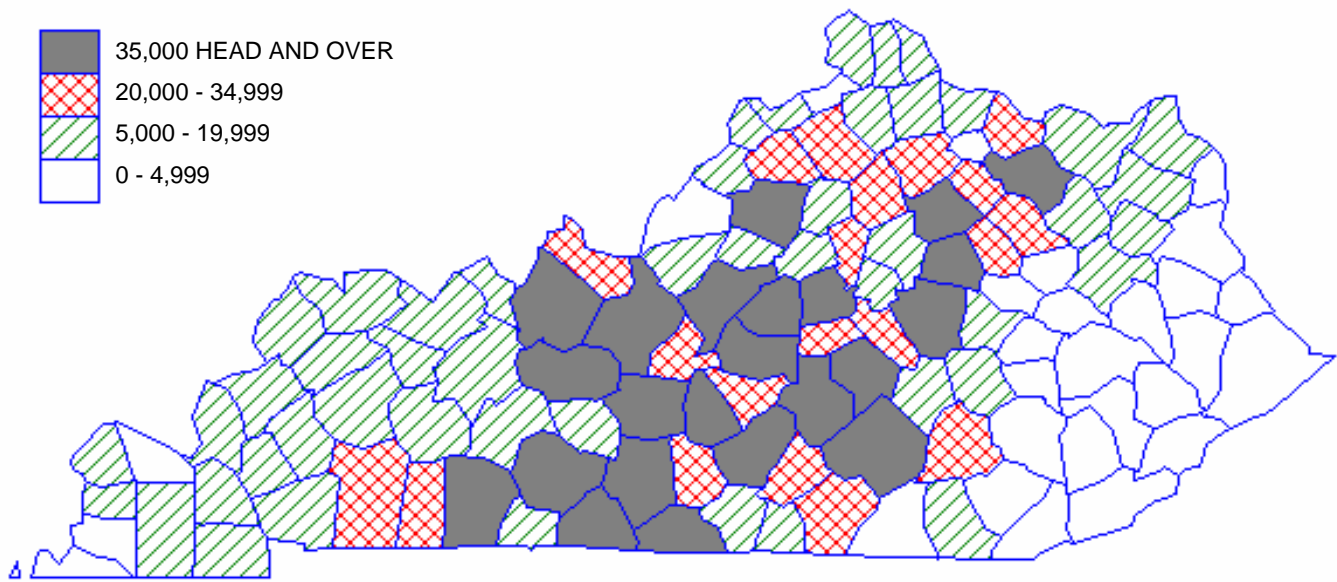
## TOP FIVE COUNTIES (Head)

Barren	86,000
Warren	65,000
Pulaski	63,000
Madison	57,000
Bourbon	53,000

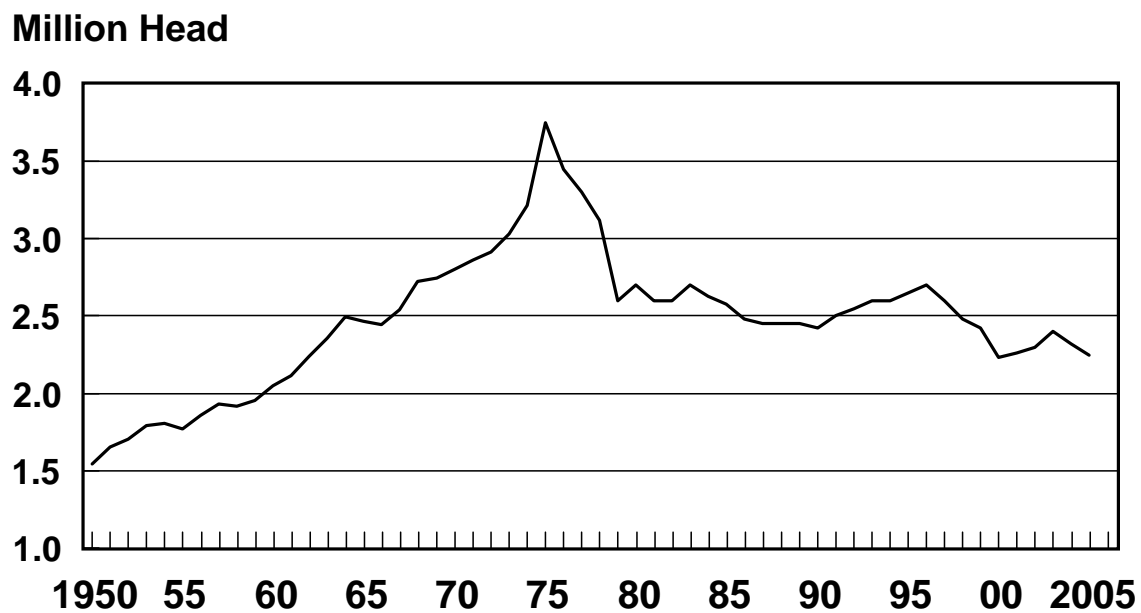
<sup>1/</sup>Less than 500 head included in "Other Counties".



## ALL CATTLE & CALVES – 2005



## Kentucky Cattle & Calves - January 1 (1950-2005)



## BEEF COWS COUNTY ESTIMATES

### JANUARY 1, 2004 – 2005

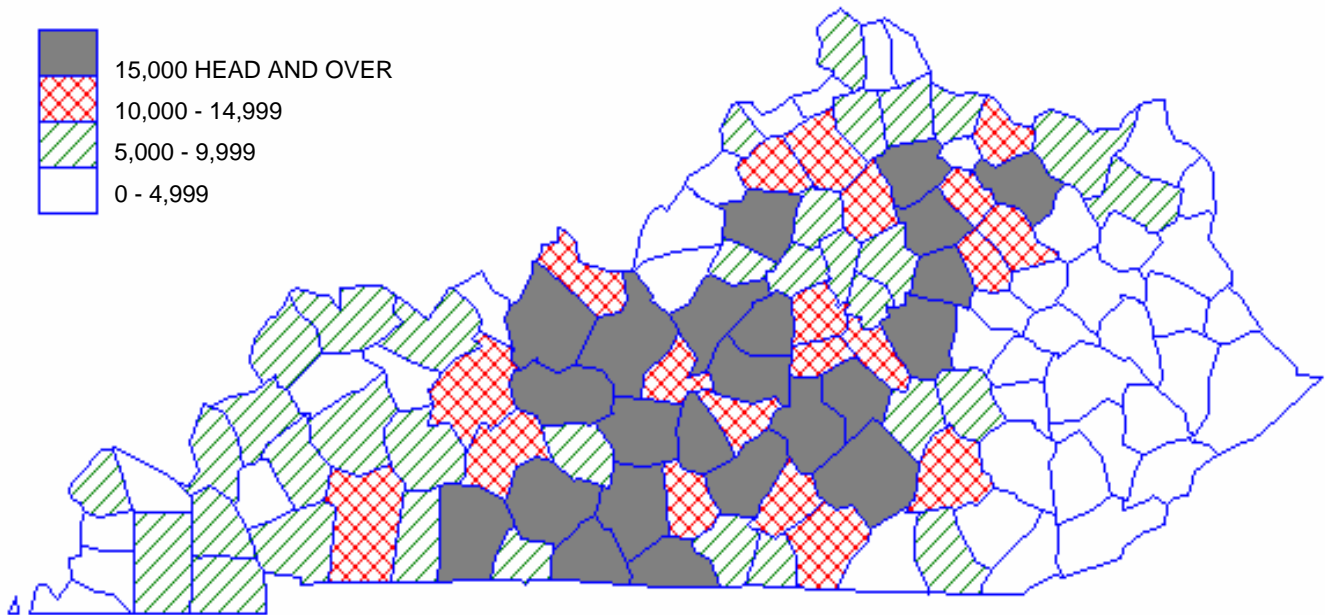
District and County	January 1 2004	January 1 2005	District and County	January 1 2004	January 1 2005
	(Number)			(Number)	
Ballard	5,300	5,300	Anderson	8,000	7,500
Calloway	6,200	5,800	Bath	13,000	12,400
Carlisle	2,900	2,600	Bourbon	24,000	23,500
Fulton	1,000	900	Boyle	12,000	12,200
Graves	7,800	7,500	Clark	20,000	18,800
Hickman	2,000	1,800	Fayette	8,500	8,200
Livingston	9,600	9,000	Fleming	17,500	17,300
Lyon	4,000	3,800	Franklin	7,500	7,400
McCracken	1,800	1,700	Garrard	15,000	14,800
Marshall	6,000	5,700	Harrison	18,000	17,500
Trigg	9,400	8,900	Jessamine	10,200	9,500
<b>DISTRICT 1</b>	<b>56,000</b>	<b>53,000</b>	Lincoln	21,300	21,000
Caldwell	8,400	8,200	Madison	25,500	25,000
Christian	15,000	14,000	Mason	12,000	11,700
Crittenden	10,100	9,600	Mercer	15,000	14,800
Daviess	9,400	9,000	Montgomery	16,000	14,800
Hancock	4,300	3,900	Nicholas	12,000	11,800
Henderson	5,600	5,000	Robertson	2,500	2,200
Hopkins	7,100	6,800	Scott	13,500	12,200
Logan	19,000	18,600	Shelby	15,000	15,200
McLean	3,300	2,900	Spencer	7,500	6,900
Muhlenberg	8,000	7,500	Washington	19,000	18,500
Ohio	11,000	10,700	Woodford	10,000	9,800
Simpson	7,600	7,000	<b>DISTRICT 5</b>	<b>323,000</b>	<b>313,000</b>
Todd	8,800	9,000	Boyd	1,900	1,800
Union	8,100	7,100	Breathitt	500	500
Webster	5,300	4,700	Carter	5,600	5,400
<b>DISTRICT 2</b>	<b>131,000</b>	<b>124,000</b>	Clay	1,600	1,500
Adair	21,000	20,500	Elliott	2,900	2,900
Allen	23,000	22,300	Estill	4,100	4,100
Barren	36,000	35,000	Greenup	4,900	4,500
Breckinridge	23,500	23,000	Jackson	5,300	5,300
Bullitt	4,200	4,000	Johnson	700	700
Butler	10,500	10,000	Knox	2,700	2,600
Casey	20,000	19,800	Laurel	11,500	11,400
Clinton	10,200	9,700	Lawrence	1,800	1,800
Cumberland	7,000	6,800	Lee	1,300	1,100
Edmonson	9,800	9,400	Lewis	7,000	7,200
Grayson	21,000	20,000	McCreary	1,000	900
Green	19,000	18,600	Magoffin	900	800
Hardin	21,000	19,500	Menifee	2,000	1,800
Hart	22,000	21,800	Morgan	4,500	4,300
Jefferson	2,500	2,300	Owsley	900	900
Larue	14,000	13,000	Powell	1,300	1,400
Marion	20,000	19,000	Pulaski	31,600	31,300
Meade	12,300	11,800	Rockcastle	9,000	9,200
Metcalfe	13,500	13,100	Rowan	3,000	2,700
Monroe	23,000	22,500	Wayne	12,500	12,300
Nelson	17,000	16,700	Whitley	5,300	5,400
Russell	13,000	13,500	Wolfe	1,400	1,400
Taylor	14,500	14,000	Other Counties <sup>1/</sup>	1,800	1,800
Warren	32,000	30,700	<b>DISTRICT 6</b>	<b>127,000</b>	<b>125,000</b>
<b>DISTRICT 3</b>	<b>410,000</b>	<b>397,000</b>	<b>KENTUCKY</b>	<b>1,128,000</b>	<b>1,090,000</b>
Boone	5,800	5,600			
Bracken	6,900	6,500			
Campbell	4,200	4,000			
Carroll	4,900	4,700			
Gallatin	2,400	2,200			
Grant	8,900	8,100			
Henry	14,700	14,800			
Kenton	3,400	3,100			
Oldham	4,000	3,800			
Owen	11,500	11,400			
Pendleton	9,200	8,800			
Trimble	5,100	5,000			
<b>DISTRICT 4</b>	<b>81,000</b>	<b>78,000</b>			

#### TOP FIVE COUNTIES (Head)

Barren	35,000
Pulaski	31,300
Warren	30,700
Madison	25,000
Bourbon	23,500

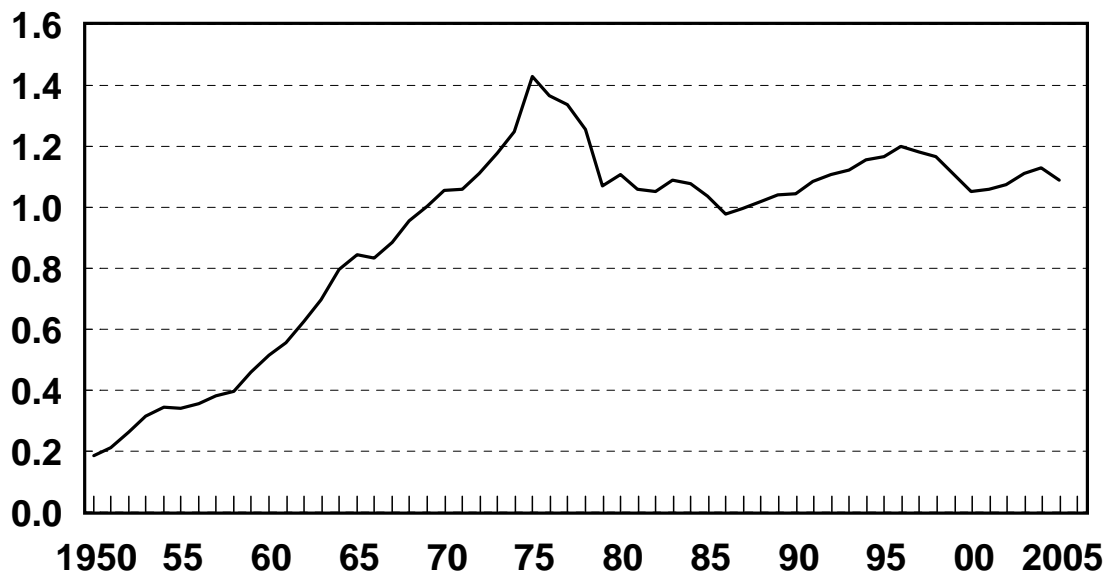
<sup>1/</sup>Less than 500 head included in "Other Counties".

## BEEF COWS – 2005



## Kentucky Beef Cows - January 1 (1950-2005)

Million Head



## HOGS AND PIGS DISTRICT ESTIMATES DECEMBER 1, 2003 – 2004

District	December 1 2003	December 1 2004
	(Number)	
DISTRICT 1	57,000	41,700
DISTRICT 2	145,000	142,900
DISTRICT 3	145,000	144,000
DISTRICT 4	4,000	2,000
DISTRICT 5	21,500	12,700
DISTRICT 6	7,500	6,700
KENTUCKY	380,000	350,000

## HOGS AND PIGS INVENTORY NUMBERS BY CLASS, DECEMBER 1, 1965 - 2004

Year	Total	Breeding (Head)	Market
1965	1,176,000	171,000	1,005,000
1970	1,680,000	252,000	1,428,000
1975	1,000,000	168,000	832,000
1980	1,220,000	183,000	1,037,000
1985	800,000	124,000	676,000
1990	920,000	130,000	790,000
1991	950,000	135,000	815,000
1992	870,000	120,000	750,000
1993	850,000	120,000	730,000
1994	780,000	100,000	680,000
1995	800,000	110,000	690,000
1996	600,000	85,000	515,000
1997	570,000	70,000	500,000
1998	520,000	65,000	455,000
1999	460,000	55,000	405,000
2000	430,000	50,000	380,000
2001	405,000	50,000	355,000
2002	360,000	40,000	320,000
2003	380,000	45,000	335,000
<b>2004</b>	<b>350,000</b>	<b>40,000</b>	<b>310,000</b>

### HOGS AND PIGS, PRODUCTION, DISPOSITION, AND INCOME, KENTUCKY, 1999-2004

YEAR	NUMBER ON HAND DECEMBER 1 <u>1/</u>	PIG CROP	INSHIPMENTS <u>2/</u>	MARKETINGS	FARM SLAUGHTER	DEATHS	NUMBER ON HAND DECEMBER 1
				1,000 HEAD			
1999	520	1,007	117	1,114	8	62	460
2000	460	775	135	884	6	50	430
2001	430	797	117	885	5	49	405
2002	405	763	135	906	5	32	360
2003	360	644	115	706	4	29	380
2004	380	762	100	857	4	31	350

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.	CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
	1,000 POUNDS		DOLLARS		1,000 DOLLARS	
1999	255,533	263,573	28.50	77,692	2,042	79,734
2000	207,960	213,655	40.20	89,614	1,938	91,552
2001	205,545	213,607	42.00	94,321	1,861	96,182
2002	203,855	220,966	31.00	72,847	1,229	74,076
2003	169,331	173,754	36.40	66,700	1,282	67,982
2004	201,498	210,130	48.10	104,513	1,719	106,232

1/ PRECEDING YEAR. 2/ LIVESTOCK SHIPPED INTO STATE FOR FEEDING OR BREEDING. EXCLUDES ANIMALS BROUGHT IN FOR IMMEDIATE SLAUGHTER.

### HOGS AND PIGS, PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1999-2004

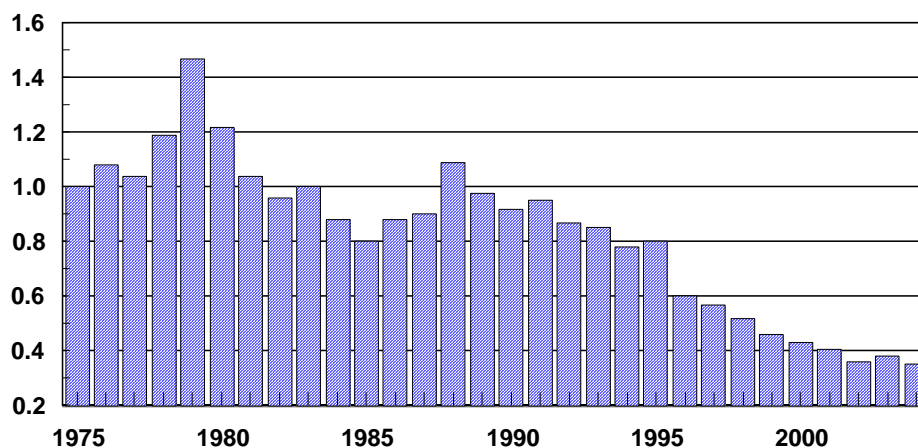
YEAR	NUMBER ON HAND DECEMBER 1 <u>1/</u>	PIG CROP	INSHIPMENTS <u>2/</u>	MARKETINGS	FARM SLAUGHTER	DEATHS	NUMBER ON HAND DECEMBER 1
				1,000 HEAD			
1999	62,204	102,352	22,634	121,138	141	6,575	59,335
2000	59,335	100,743	24,514	118,546	125	6,811	59,110
2001	59,110	100,617	26,745	119,272	119	7,360	59,722
2002	59,722	101,678	29,434	124,013	114	7,152	59,554
2003 <u>3/</u>	59,554	101,490	31,543	124,383	116	7,646	60,444
2004	60,444	102,458	32,917	127,599	114	7,462	60,645

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.	CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
	1,000 POUNDS		DOLLARS		1,000 DOLLARS	
1999	25,856,590	27,093,691	30.30	8,624,295	28,381	8,652,676
2000	25,696,997	26,670,415	42.30	11,757,943	34,720	11,792,663
2001	25,866,250	26,770,892	44.40	12,394,560	35,462	12,430,022
2002	26,274,153	27,309,263	33.40	9,602,109	25,525	9,627,634
2003 <u>3/</u>	26,260,140	27,173,703	37.20	10,618,027	27,774	10,645,801
2004	26,678,197	27,755,282	49.30	14,348,328	36,117	14,384,445

1/ PRECEDING YEAR. 2/ LIVESTOCK SHIPPED INTO STATE FOR FEEDING OR BREEDING. EXCLUDES ANIMALS BROUGHT IN FOR IMMEDIATE SLAUGHTER.  
3/REVISED.

### HOG INVENTORY KENTUCKY, DECEMBER 1, 1975-2004

MIL. HEAD



## KENTUCKY SHEEP & LAMBS, 1960 – 2005

Year	All 1/	Total		Breeding One Year & Older		Replacement Lambs	Lamb Crop	Wool		
		Breeding	Market	Ewes	Rams			Sheep Shorn	Price per Lb.	Production
(1,000 Head)						(Dollars)			(1,000 Lb)	
1960	566	-	-	420	-	-	481	492	.50	3,395
1965	185	-	-	151	-	-	169	157	.55	1,162
1970	100	-	-	84	-	-	89	82	.38	582
1975	40	-	-	32	-	-	40	28	.32	204
1980	21	-	-	17	-	-	23	24	.70	168
1985	27	-	-	22	-	-	26	26	.45	182
1990	38	-	-	28	-	-	31	33	.38	215
1995 2/	27	22.5	4.5	16.5	1.5	4.5	19	18	.70	123
1996	20	17.0	3.0	13.0	0.8	3.2	17	15.5	.33	100
1997	22	17.7	4.3	15.0	1.0	1.7	18	17.5	.41	117
1998	24	19.0	5.0	15.0	1.0	3.0	17	19.7	-	121
1999	22	17.0	5.0	13.0	1.0	3.0	16	16.5	-	107
2000	21	17.0	4.0	13.0	1.0	3.0	17	16.8	.20	107
2001	23	19.0	4.0	14.0	2.0	3.0	17	18.5	.15	118
2002	25	20.0	5.0	15.0	2.0	3.0	20	20	.15	130
2003	28	23.0	5.0	17.5	2.0	3.5	21	17	.24	115
2004	26	22.0	4.0	16.0	2.0	4.0	22	20	.31	135
2005	32	26.0	6.0	18.0	2.5	5.5	-	-	-	-

<sup>1/</sup>Number of head as of January 1. <sup>2/</sup>Starting in 1995 includes New Crop lambs born Oct. - Dec. - Data Not Available.

## SHEEP AND LAMBS, PRODUCTION, DISPOSITION, AND INCOME, KENTUCKY, 2003-2004

YEAR	NUMBER ON HAND JANUARY 1 <sup>1/</sup>	LAMB CROP	INSHIPMENTS	MARKETINGS <sup>2/</sup>		FARM SLAUGHTER <sup>3/</sup>	DEATHS		NUMBER ON HAND END OF YEAR
				SHEEP	LAMBS		SHEEP	LAMBS	
1,000 HEAD									
2003	28	21	1.5	4.3	15.5	0.3	1.3	3.1	26
2004	26	22	4.0	1.4	13.8	0.2	1.4	3.2	32

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			SHEEP	LAMBS			
1,000 POUNDS			DOLLARS		1,000 DOLLARS		
2003	2,140	2,366	35.00	93.00	1,811	41	1,852
2004	2,037	1,715	42.00	101.00	1,609	24	1,633

<sup>1/</sup>INCLUDES NEW CROP LAMBS. <sup>2/</sup>INCLUDES CUSTOM SLAUGHTER FOR USE ON FARMS WHERE PRODUCED AND STATE OUTSHIPMENTS, BUT EXCLUDES INTERFARM SALES WITHIN THE STATE. <sup>3/</sup>EXCLUDES CUSTOM SLAUGHTER FOR FARMERS AT COMMERCIAL ESTABLISHMENTS.

## SHEEP AND LAMBS, PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 2003-2004

YEAR	NUMBER ON HAND JANUARY 1 <sup>1/</sup>	LAMB CROP	INSHIPMENTS	MARKETINGS <sup>2/</sup>		FARM SLAUGHTER <sup>3/</sup>	DEATHS		NUMBER ON HAND END OF YEAR
				SHEEP	LAMB		SHEEP	LAMBS	
1,000 HEAD									
2003	6,321	4,140	1,558	828	4,387	67	238	394	6,105
2004	6,105	4,096	1,495	695	4,201	65	215	385	6,135

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			SHEEP	LAMBS			
1,000 POUNDS			DOLLARS		1,000 DOLLARS		
2003	470,108	609,681	34.90	94.40	507,890	10,756	518,646
2004	464,503	572,353	38.80	101.00	520,998	11,464	532,462

<sup>1/</sup>INCLUDES NEW CROP LAMBS. <sup>2/</sup>INCLUDES CUSTOM SLAUGHTER FOR USE ON FARMS WHERE PRODUCED AND STATE OUTSHIPMENTS, BUT EXCLUDES INTERFARM SALES WITHIN THE STATE. <sup>3/</sup>EXCLUDES CUSTOM SLAUGHTER FOR FARMERS AT COMMERCIAL ESTABLISHMENTS.

## GOATS & KIDS

For the first time, Kentucky's total goat population was estimated on January 1, 2005 at 70,000 head. Kentucky's Angora goat population was estimated at 950 head, milk goats and kids at 5,550 and all meat and other goats and kids at 63,500. All breeding goats and kids were estimated at 58,120 head and the kid crop was 51,500.

All goat inventory in the United States on January 1, 2005, totaled 2.5 million head. Breeding goat inventory totaled 2.1 million head and market goats totaled 0.4 million head. On January 1, 2005, meat and all other goats totaled 1.97 million head, milk goats totaled 283,500 head and angora goats totaled 274,000 head. The 2004 kid crop was 1.67 million head for all goats.

### KENTUCKY & U.S. GOATS, 2002 & 2005

Year	Total	Angora	Milk	Meat & Other
Head				
<b>KENTUCKY</b>				
2002 <u>1/</u>	68,412	817	5,977	61,618
2005 <u>2/</u>	70,000	950	5,550	63,500
<b>UNITED STATES</b>				
2002 <u>1/</u>	2,530,466	300,753	290,789	1,938,924
2005 <u>2/</u>	2,522,500	274,000	283,500	1,965,000

1/2002 Census of Agriculture. 2/Number of head as of January 1. (Data series started in 2005).

### KENTUCKY LIVESTOCK AND POULTRY RECORD HIGHS AND LOWS

SPECIES OR COMMODITY	Year Series Began	RECORD HIGH		RECORD LOW	
		Year	Number	Year	Number
		(1,000 Head)		(1,000 Head)	
Cattle and Calf Inventory, Jan. 1	1867	1975	3,750	1869	762
Beef Cows	1920	1975	1,429	1930	45
Milk Cows	1867	1954	674	<b>2005</b>	<b>110</b>
Milk Production (Million Lbs.)	1924	1963	2,632	<b>2004</b>	<b>1,423</b>
Sheep and Lamb Inventory, Jan. 1	1867	1867	1,180	1996	20
Hog and Pig Inventory, Dec. 1 <u>1/</u>	1867	1872-73	2,190	<b>2004</b>	<b>350</b>
Chicken Inventory, Dec. 1 <u>2/</u>	1924	1944	14,321	1989	2,100
Egg Production (Million Eggs)	1925	1949	1,279	1989	407
Broilers Produced	1934	<b>2004</b>	<b>290,800</b>	1934	250

1/1867-1962 estimates January 1. 2/Excludes broilers.

# DAIRY

- Milk Cow Inventory
- Milk Cow Production
- Dairy Products
- County Estimates

## 2004 DAIRY HIGHLIGHTS

### MILK COWS AND MILK PRODUCTION

The average number of milk cows on Kentucky farms continued to decline during 2004 and totaled 110,000 head, down 6,000 head from the 2003 average. This continues the steady decline in milk cow numbers that began in 1986.

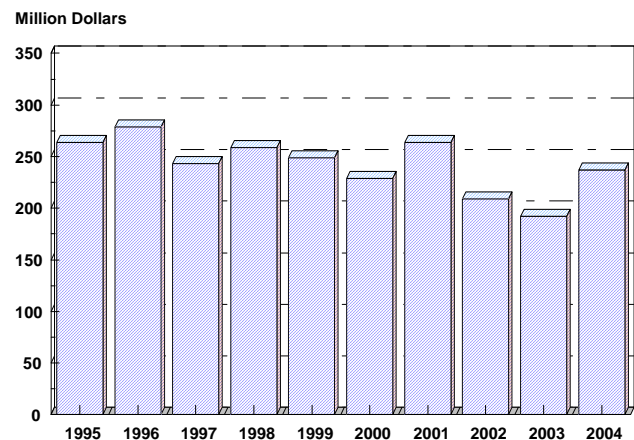
Total milk production in Kentucky was 1.42 billion pounds, down 3 percent from 2003. Average production per cow, at 12,936 pounds, was up from the 2003 average of 12,629. The number of farms with milk cows totaled 2,300, down from 2,500 in 2003.

### MILK DISPOSITION AND INCOME

Kentucky dairy producers sold 1.39 billion pounds of milk to plants and dealers during 2004 and used 31 million pounds on the farm. Farm use includes milk fed to calves and other livestock, and used for milk, cream and butter. Farm use of milk during 2004 was down 3 percent from 2003, and milk sold to plants and dealers decreased 3 percent from 2003.

The value of milk produced during 2004 came to \$241.9 million, up 23 percent from 2003. This includes the value of milk used on farms. The average price of all grades sold was \$17.00 per hundredweight, up from \$13.40 per hundredweight during 2003. Cash receipts from marketings totaled \$236.6 million, up 23 percent from the \$192.0 million reported in 2003.

### KENTUCKY CASH RECEIPTS FROM MILK MARKETED



### MANUFACTURED DAIRY PRODUCTS

Kentucky plants produced 11.8 million pounds of cottage cheese curd in 2004, down 10 percent from 2003. Creamed cottage cheese production totaled 12.4 million pounds, down 15 percent from the previous year. Lowfat cottage cheese

production was 9.02 million pounds during 2004, up 3 percent from 2003. During 2004, 17 Kentucky plants produced one or more dairy products. Totals for most dairy products produced in Kentucky are not published to avoid disclosing individual plant production.



## MILK USED AND MARKETING BY KENTUCKY FARMERS, 1990 – 2004

YEAR	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETING BY FARMERS	MILK USED ON FARMS & <u>MARKETING</u> Total
	Fed to Calves <u>1/</u>	Used for Milk, Cream & Butter	Total	Sold to Plants & Dealers As Whole Milk	
(Million Pounds)					
1990	48	32	80	2,175	2,255
1991	46	34	80	2,110	2,190
1992	50	25	75	2,075	2,150
1993	50	25	75	2,045	2,120
1994	59 <u>2/</u>	25	84	1,923	2,007
1995	47	18	65	1,955	2,020
1996	35	13	48	1,812	1,860
1997	31	10	41	1,774	1,815
1998	29	10	39	1,671	1,710
1999	26	7	33	1,618	1,651
2000	28	7	35	1,660	1,695
2001	30	2	32	1,628	1,660
2002	32	2	34	1,580	1,614
2003 <u>3/</u>	30	2	32	1,433	1,465
<b>2004</b>	<b>29</b>	<b>2</b>	<b>31</b>	<b>1,392</b>	<b>1,423</b>

1/Excludes milk sucked by calves. 2/Includes milk dumped on farm. 3/Revised.

## KENTUCKY MILK PRODUCTION, DISPOSITION AND CASH RECEIPTS, 2003 AND 2004

ITEM	2003 <u>1/</u>	2004	% of 2004 Total	2004 as % of 2003
	(Million Pounds)		(Percent)	
<u>MILK MARKETING BY FARMERS</u>				
Sold to Plants and Dealers	1,433	1,392	97.9	97
<u>MILK USED ON FARMS WHERE PRODUCED</u>				
Used for Milk, Cream and Butter	2	2	.1	100
Fed to Calves	30	29	2.0	97
<u>TOTAL MILK PRODUCTION</u>	1,465	1,423	100.0	97
	(Thousand Dollars)		(Percent)	
<u>VALUE OF MILK PRODUCTION</u>				
Cash Receipts From Milk Marketed	192,022	236,640	97.9	123
Value of Home Consumption	268	340	.1	127
Value of Milk Fed to Calves	4,020	4,930	2.0	123
<u>TOTAL VALUE OF MILK PRODUCED 2/</u>	196,310	241,910	100.0	123

1/Revised. 2/Includes value of milk used for home consumption and value of milk fed to calves.

## KENTUCKY COTTAGE CHEESE PRODUCTION 2000 - 2004 <sup>1/</sup>

PRODUCT	2000	2001	2002	2003	2004
(1,000 Lbs.)					
Cottage Cheese Curd	15,129	14,707	12,680	13,048	11,751
Creamed Cottage Cheese	17,682	17,227	15,380	14,589	12,410
Lowfat Cottage Cheese	9,132	9,451	7,582	8,776	9,023

<sup>1/</sup>Data on other types of dairy products not published to avoid disclosure of individual operations. They are included in U.S. totals below.

## U.S. PRODUCTION OF DAIRY PRODUCTS 2003 – 2004

PRODUCT	2003 <sup>1/</sup>	2004	2004 % of 2003	MAJOR PRODUCING STATES
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### CHEESE AND BUTTER PRODUCTION – (1,000 Lbs.)

American Cheddar	2,701,064	2,763,063	102	Wisconsin, Minnesota
Mozzarella	2,807,188	2,916,536	104	California, Wisconsin
Other Cheese <sup>2/</sup>	3,048,991	3,196,864	105	California, Wisconsin
Total Cheese <sup>3/</sup>	8,557,243	8,876,463	104	Wisconsin, California
Butter	1,242,360	1,249,678	101	California, Wisconsin

### COTTAGE CHEESE PRODUCTION – (1,000 Lbs.)

Curd <sup>4/</sup>	447,981	458,144	102	New York, California
Creamed <sup>5/</sup>	385,156	377,229	98	New York, Illinois
Lowfat <sup>6/</sup>	384,372	391,219	102	New York, California

### FROZEN PRODUCTS – (1,000 Gal.)

Ice Cream	992,876	943,659	95	California, Indiana
Ice Cream, Lowfat	398,265	415,474	104	Texas, Indiana
Milk Sherbert	54,126	54,626	101	California, Indiana

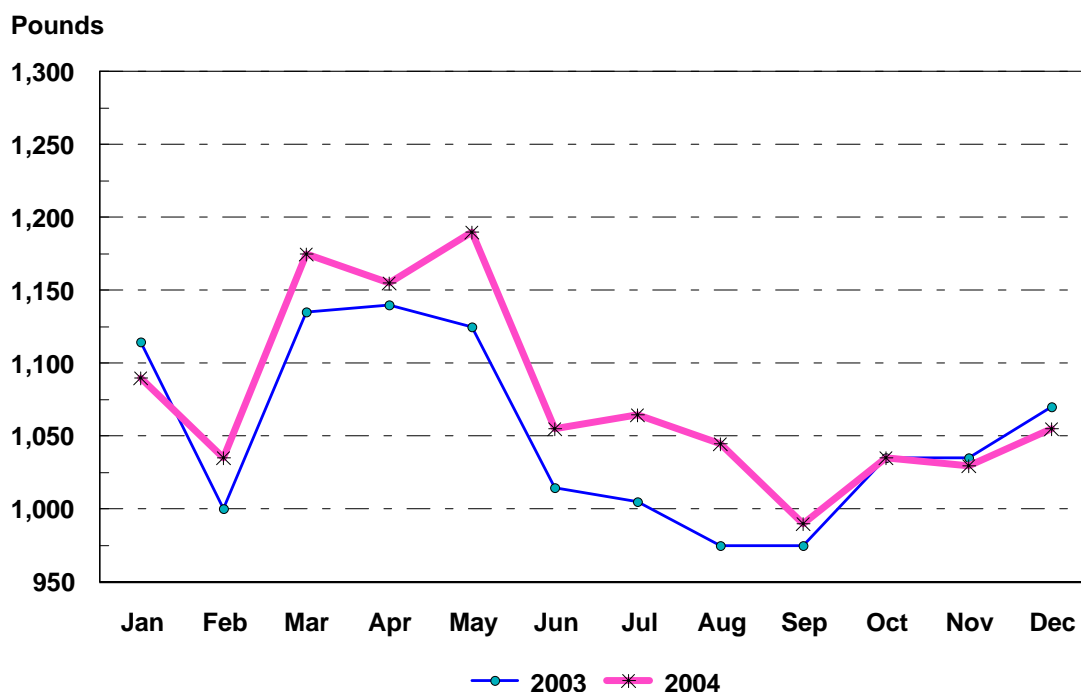
<sup>1/</sup>Revised. <sup>2/</sup>Includes Muenster, Brick, Limburger, Blue, Part Skim, Colby, Monterey, Jack, Swiss, Gorgonzola, Hispanic, Other Italian, Cream and Neufchatel. <sup>3/</sup>Excludes cottage cheese. <sup>4/</sup>Mostly used for processing into fully creamed or lowfat cottage cheese. <sup>5/</sup>Milkfat content 4.0 percent or more. <sup>6/</sup>Milkfat content less than 4.0 percent, mostly 0.5 to 2.0 percent milkfat.

## KENTUCKY MILK COWS AND MILK PRODUCTION 2003 - 2004

MONTH	Milk Cows on Farms <u>1/</u>		Milk Per Cow <u>2/</u>		Milk Production <u>2/</u>	
	2003	2004	2003 <u>3/</u>	2004	2003 <u>3/</u>	2004
	(1,000 Head)		(Pounds)		(Million Pounds)	
January	120	112	1,115	1,090	134	122
February	120	111	1,000	1,035	120	115
March	120	110	1,135	1,175	136	129
April	120	109	1,140	1,155	137	126
May	119	110	1,125	1,190	134	131
June	118	112	1,015	1,055	120	118
July	115	111	1,005	1,065	116	118
August	112	110	975	1,045	109	115
September	111	109	975	990	108	108
October	111	109	1,035	1,035	115	113
November	112	109	1,035	1,030	116	112
December	112	110	1,070	1,055	120	116
ANNUAL	116	110	12,629	12,936	1,465	1,423

1/Excludes heifers not yet fresh. 2/Excludes milk sucked by calves. 3/Revised.

### KENTUCKY MONTHLY MILK PER COW 2003-2004



## MILK COWS COUNTY ESTIMATES

### JANUARY 1, 2004 – 2005

District and County	January 1 2004	January 1 2005	District and County	January 1 2004	January 1 2005
	(Number)			(Number)	
Ballard	450	400	Anderson	900	900
Calloway	350	1/	Bath	500	550
Carlisle	500	600	Boyle	350	350
Graves	1,000	1,000	Fleming	5,200	5,100
Other Counties 1/	500	800	Garrard	1,100	1,000
<b>DISTRICT 1</b>	2,800	2,800	Harrison	450	400
Caldwell	500	500	Lincoln	4,700	4,200
Christian	2,100	2,500	Madison	1/	300
Daviess	550	550	Mason	2,800	2,700
Logan	3,100	3,000	Mercer	1,800	1,800
Simpson	800	850	Montgomery	1/	300
Todd	2,400	2,500	Shelby	3,200	2,600
Other Counties 1/	550	700	Spencer	900	900
<b>DISTRICT 2</b>	10,000	10,600	Washington	2,300	2,200
Adair	7,900	7,900	Other Counties 1/	1,600	1,100
Allen	400	500	<b>DISTRICT 5</b>	25,800	24,400
Barren	9,900	10,000	Jackson	600	600
Breckinridge	1/	300	Laurel	350	300
Bullitt	450	450	Lewis	800	700
Casey	2,200	2,100	Pulaski	3,500	3,200
Clinton	900	900	Rockcastle	700	600
Cumberland	500	500	Rowan	350	500
Edmonson	600	600	Wayne	600	600
Grayson	2,000	2,000	Other Counties 1/	700	700
Green	3,300	3,200	<b>DISTRICT 6</b>	7,600	7,200
Hardin	1,800	1,600	<b>KENTUCKY</b>	112,000	110,000
Hart	3,200	3,100			
Larue	1,800	1,800			
Marion	3,900	3,900			
Meade	300	300			
Metcalfe	4,600	4,700			
Monroe	3,800	3,500			
Nelson	4,000	3,500			
Russell	3,000	2,900			
Taylor	2,600	2,800			
Warren	3,500	3,500			
Other Counties 1/	450	250			
<b>DISTRICT 3</b>	61,100	60,300			
Bracken	800	900			
Henry	1,500	1,500			
Oldham	450	450			
Owen	450	400			
Trimble	1/	320			
Other Counties 1/	1,500	1,130			
<b>DISTRICT 4</b>	4,700	4,700			

#### TOP FIVE COUNTIES

(Head)

Barren	10,000
Adair	7,900
Fleming	5,100
Metcalfe	4,700
Lincoln	4,200

1/ Less than 300 head included in "Other Counties".

## MILK PRODUCTION COUNTY ESTIMATES – 2004

District and County	Avg. Number Milk Cows On Farms	Annual Avg. Production Per Cow <sup>1/</sup>	Total Milk Production	District and County	Avg. Number Milk Cows On Farms	Annual Avg. Production Per Cow <sup>1/</sup>	Total Milk Production
		(Pounds)	(1,000 Pounds)			(Pounds)	(1,000 Pounds)
Ballard	400	13,250	5,300	Anderson	900	10,778	9,700
Carlisle	600	9,500	5,700	Bath	550	9,000	4,950
Graves	1,000	14,600	14,600	Boyle	350	10,286	3,600
Other Counties <sup>2/</sup>	800	14,988	11,990	Fleming	5,100	12,392	63,200
<b>DISTRICT 1</b>	2,800	13,425	37,590	Garrard	1,000	16,400	16,400
Caldwell	500	18,400	9,200	Harrison	400	8,750	3,500
Christian	2,500	22,720	56,800	Lincoln	4,200	11,500	48,300
Daviess	550	12,909	7,100	Madison	300	8,667	2,600
Logan	3,000	20,333	61,000	Mason	2,700	12,111	32,700
Simpson	850	16,588	14,100	Mercer	1,800	10,944	19,700
Todd	2,500	19,600	49,000	Montgomery	300	8,667	2,600
Other Counties <sup>2/</sup>	700	9,286	6,500	Shelby	2,600	11,808	30,700
<b>DISTRICT 2</b>	10,600	19,217	203,700	Spencer	900	8,111	7,300
Adair	7,900	10,759	85,000	Washington	2,200	12,364	27,200
Allen	500	8,100	4,050	Other Counties <sup>2/</sup>	1,100	10,409	11,450
Barren	10,000	13,320	133,200	<b>DISTRICT 5</b>	24,400	11,635	283,900
Breckinridge	300	8,500	2,550	Jackson	600	9,500	5,700
Bullitt	450	10,000	4,500	Laurel	300	11,667	3,500
Casey	2,100	13,048	27,400	Lewis	700	8,714	6,100
Clinton	900	15,667	14,100	Pulaski	3,200	12,813	41,000
Cumberland	500	9,600	4,800	Rockcastle	600	10,333	6,200
Edmonson	600	9,167	5,500	Rowan	500	18,400	9,200
Grayson	2,000	12,750	25,500	Wayne	600	9,500	5,700
Green	3,200	8,906	28,500	Other Counties <sup>2/</sup>	700	10,229	7,160
Hardin	1,600	13,313	21,300	<b>DISTRICT 6</b>	7,200	11,744	84,560
Hart	3,100	13,613	42,200	<b>KENTUCKY</b>	110,000	12,936	1,423,000
Larue	1,800	10,500	18,900				
Marion	3,900	15,282	59,600				
Meade	300	8,500	2,550				
Metcalfe	4,700	11,043	51,900				
Monroe	3,500	12,829	44,900				
Nelson	3,500	13,829	48,400				
Russell	2,900	12,966	37,600				
Taylor	2,800	12,321	34,500				
Warren	3,500	15,229	53,300				
Other Counties <sup>2/</sup>	250	12,400	3,100				
<b>DISTRICT 3</b>	60,300	12,493	753,350				
Bracken	900	11,333	10,200				
Henry	1,500	13,733	20,600				
Oldham	450	12,667	5,700				
Owen	400	9,000	3,600				
Trimble	320	9,375	3,000				
Other Counties <sup>2/</sup>	1,130	14,867	16,800				
<b>DISTRICT 4</b>	4,700	12,745	59,900				

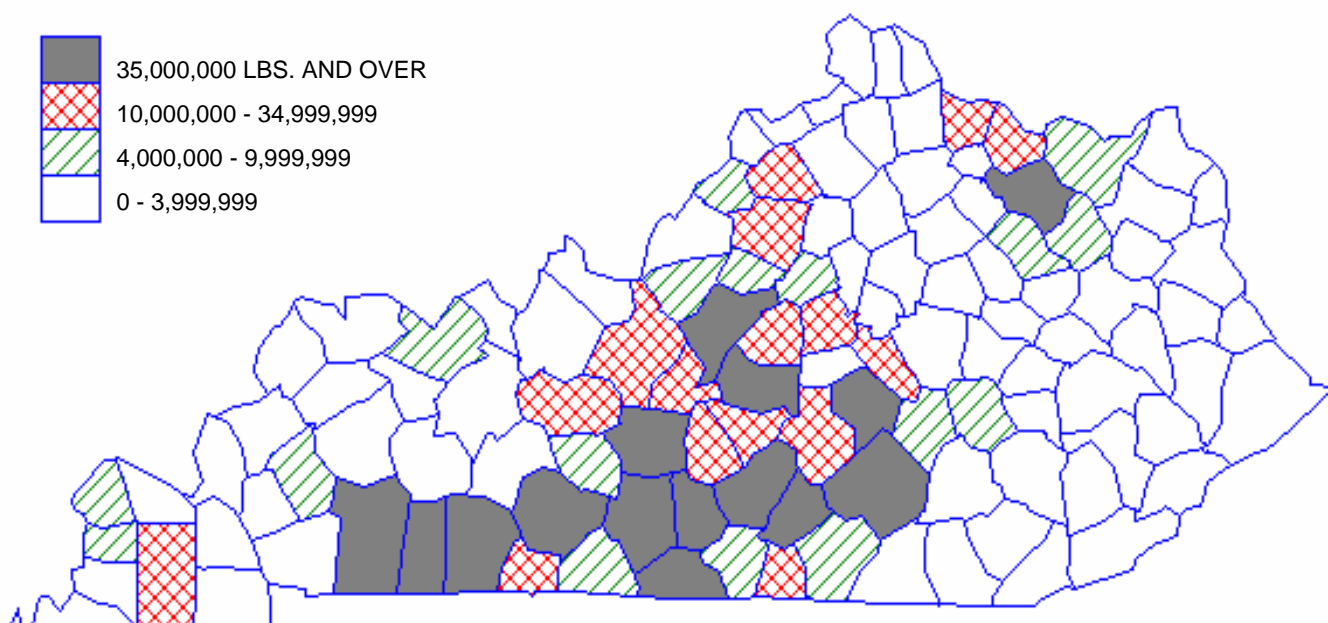
### TOP PRODUCING COUNTIES

(1,000 Lbs.)

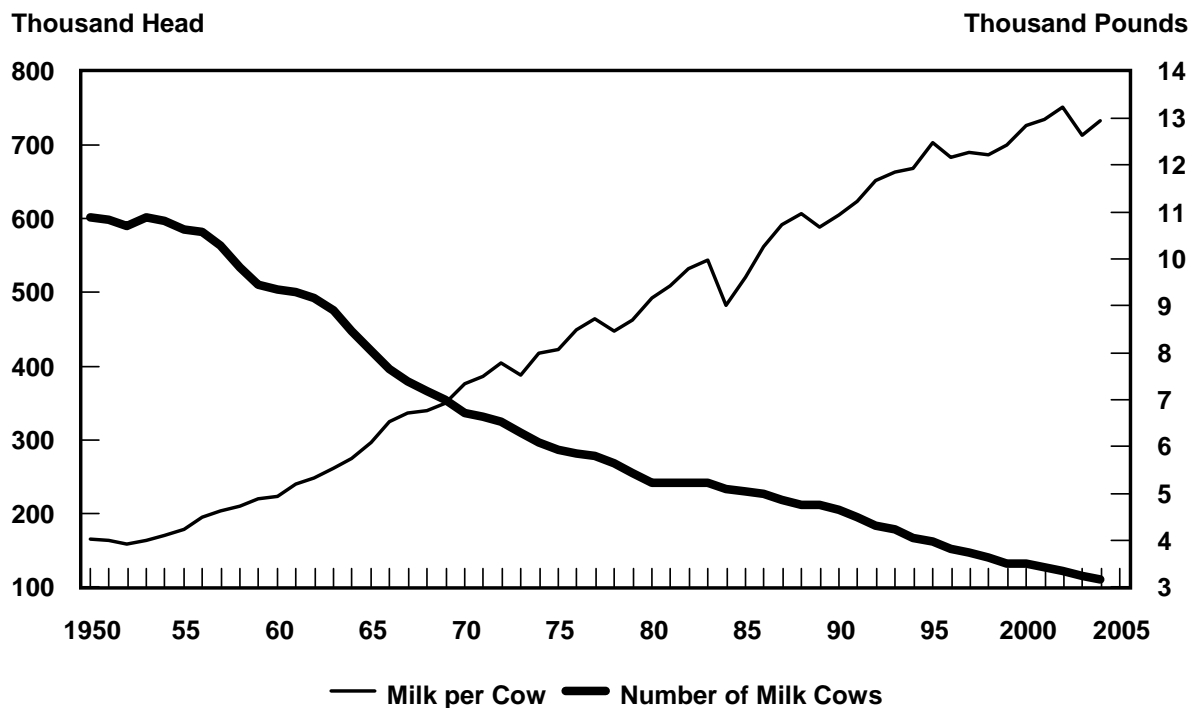
Barren	133,200
Adair	85,000
Fleming	63,200
Logan	61,000
Marion	59,600

<sup>1/</sup>Total Milk Production divided by Average Number Cows on Farms. <sup>2/</sup>Less than 300 head included in "Other Counties".

## MILK PRODUCTION – 2004



### Kentucky Average Milk Cow Numbers Annual Average Milk Production Per Cow (1950-2004)



## MILK COWS, PRODUCTION AND INCOME BY STATES – 2004

State	Milk Cows <u>1/</u>	Average Milk Per Cow	Milk Production <u>2/</u>	Cash Receipts From Milk And Cream
	(1,000)	(Lbs.)	(Mil. Lbs.)	(\$1,000)
Alabama	17	14,412	245	43,497
Alaska	1.2	12,167	14.6	2,822
Arizona	160	22,788	3,646	570,381
Arkansas	24	13,250	318	52,080
California	1,725	21,139	36,465	5,365,992
Colorado	102	21,412	2,184	343,281
Connecticut	20	19,600	392	67,124
Delaware	7.4	17,230	127.5	21,488
Florida	138	16,326	2,253	431,616
Georgia	84	16,857	1,416	235,536
Hawaii	6.1	13,197	80.5	20,175
Idaho	424	21,446	9,093	1,358,400
Illinois	107	18,486	1,978	308,819
Indiana	150	19,747	2,962	490,646
Iowa	193	19,912	3,843	620,052
Kansas	113	19,611	2,216	339,570
<b>Kentucky</b>	<b>110</b>	<b>12,936</b>	<b>1,423</b>	<b>236,640</b>
Louisiana	38	12,605	479	77,220
Maine	34	18,000	612	109,260
Maryland	74	15,703	1,162	196,010
Massachusetts	17	17,412	296	51,275
Michigan	303	20,842	6,315	1,020,380
Minnesota	463	17,499	8,102	1,336,334
Mississippi	27	14,037	379	63,336
Missouri	122	15,139	1,847	298,808
Montana	18	19,278	347	53,165
Nebraska	61	17,230	1,051	168,480
Nevada	25	20,360	509	74,947
New Hampshire	16	18,875	302	52,923
New Jersey	12	16,667	200	32,308
New Mexico	326	20,583	6,710	1,000,224
New York	655	17,786	11,650	1,950,144
North Carolina	57	17,649	1,006	170,796
North Dakota	34	15,471	526	83,945
Ohio	263	17,338	4,560	751,980
Oklahoma	78	16,192	1,263	218,575
Oregon	120	18,917	2,270	359,520
Pennsylvania	562	17,904	10,062	1,768,976
Rhode Island	1.2	16,333	19.6	3,434
South Carolina	17	16,882	287	49,416
South Dakota	80	16,838	1,347	220,440
Tennessee	75	15,400	1,155	193,368
Texas	319	18,837	6,009	975,718
Utah	88	18,284	1,609	250,415
Vermont	145	17,821	2,584	433,823
Virginia	105	16,486	1,731	308,417
Washington	237	22,852	5,416	857,010
West Virginia	13	14,923	194	31,515
Wisconsin	1,241	17,796	22,085	3,687,749
Wyoming	4.3	14,744	63.4	9,828
<b>UNITED STATES <u>3/</u></b>	<b>9,010</b>	<b>18,957</b>	<b>170,805 <u>4/</u></b>	<b>27,367,858</b>

1/Average number during year, excluding heifers not yet fresh. 2/Excludes milk sucked by calves.

3/Rounded sum of individual states. 4/May not sum due to rounding.

# FARM INCOME

- Crop Values
- Prices Received
- Cash Receipts
- Cash Receipts, County Estimates

## 2004 FARM INCOME HIGHLIGHTS

### CASH RECEIPTS

Farm product sales during 2004 totaled \$4.13 billion for Kentucky producers, up 19 percent from 2003. Crop sales totaled \$1.39 billion, up 13 percent from 2003. Livestock and livestock product sales generated \$2.74 billion, up 23 percent from the 2003 level. Sales of horses and stud fees were the leading source of cash receipts for Kentucky farmers during 2004 with \$950.0 million, followed by all poultry (broilers, eggs and other poultry) with \$816.6 million. Cattle and calves sales were third with \$620.7 million.

Sales of horses and stud fees were the largest source of livestock and livestock products cash receipts for Kentucky at \$950.0 million, 23 percent of total receipts and 19 percent above 2003. All poultry receipts ranked second with \$816.6 million, 32 percent above 2003. Cattle and calves receipts came in third and generated \$620.7 million, up 14 percent from 2003. Sales of

dairy products and hogs increased from 2003 levels. Receipts from dairy products ranked fourth at \$236.6 million, while hogs were fifth with \$104.5 million in cash receipts during 2004.

Corn, soybean, wheat and hay cash receipts were above 2003 while tobacco cash receipts were below 2003 levels. Tobacco receipts were down 2 percent from 2003 at \$421.7 million during 2004. Tobacco accounted for 10 percent of total receipts and remained the number one cash crop for Kentucky. Soybeans were second with \$372.2 million in cash receipts, 36 percent above 2003. Corn ranked third and generated \$340.5 million in sales during 2004, 22 percent above the \$278.1 million for 2003. Hay and wheat were fourth and fifth in crop cash receipts. Hay sales totaled \$71.4 million during 2004, while wheat sales were \$69.7 million.

### PRICES RECEIVED BY KENTUCKY FARMERS

Livestock average prices as a whole were above 2003. Crop prices were below the 2003 prices for all major crops except tobacco.

Cattle and calf prices were up during 2004. Steers and heifers weighing 500 pounds and over averaged \$95.10 per hundred pounds, up \$13.90 from 2003. Beef cows averaged \$49.70 per hundred pounds in 2004, up \$6.50 from 2003's price of \$43.20 per hundred pounds. Calves under 500 pounds averaged \$112.00 per hundred pounds during 2004, up \$20.00 from 2003. All three set record high prices.

Hog prices increased from 2003's average price. Barrows and gilts averaged \$48.40 per hundred pounds during 2004, up \$11.60 from 2003. Sows averaged \$40.30 per hundred pounds, up \$12.70 from the previous year. All hogs averaged \$48.10 per hundred pounds, up \$11.70 from 2003's price of \$36.40 per hundred pounds.

The all milk price for 2004 averaged \$17.00 per hundred pounds, up \$3.60 from 2003's price of \$13.40. The all milk price was a record high. Fluid grade milk price has been the same as the all milk price for several years. Milk cow price at \$1,540.00 per head, was up \$200.00 per head from 2003.

The 2004 average price for broilers was 44.0 cents per pound, compared with 34.0 cents per pound in 2003. Egg price at 85.8 cents per dozen, was down 3.1 cents from the previous year.

The preliminary marketing year average price for corn was \$2.05 per bushel, compared with \$2.53 for 2003. Soybeans averaged \$5.87 per bushel, down \$1.53 from the previous year. The marketing year for corn and soybeans is September through August. Wheat prices averaged \$2.96 per bushel, down from 2003's price of \$3.17. The marketing year for wheat is July through June.

Burley tobacco averaged \$2.000 per pound during the 2004 marketing season, a record high price for burley tobacco. All four dark tobacco prices also established record high prices.

The all hay price averaged \$71.00 per ton during 2004. Alfalfa hay averaged \$103.00 per ton, down \$4.00 per ton from the 2003 average. All other hay averaged \$59.00 per ton, down \$3.50 per ton from the previous year.



## KENTUCKY CROP VALUES – 2004

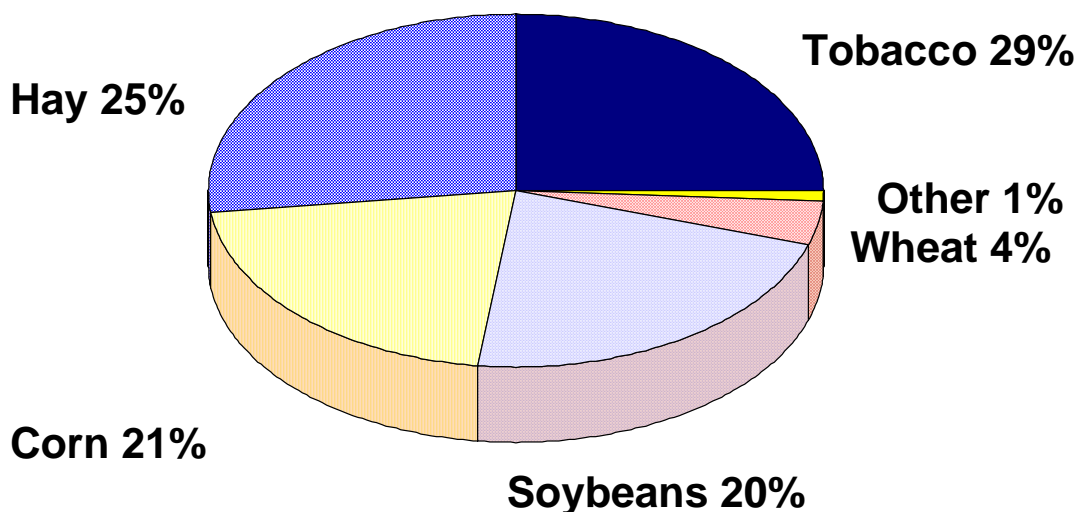
The value of crops produced by Kentucky farmers during 2004 totaled \$1.66 billion, down 6 percent from the 2003 level of \$1.78 billion. The value of tobacco, barley and commercial apples increased from 2003 while other crop values were lower. The 2004 crop year in Kentucky could be characterized as a very good production year (corn and soybeans were record highs) with generally lower prices for this production. Prices for corn, soybeans, winter wheat, grain sorghum and hay were down from the previous year. Only tobacco, commercial apples, barley and peaches showed price increases.

The top five crops accounted for more than 99 percent of the value of all crops produced in Kentucky. All tobacco was valued at \$481.7 million for 2004 and was the number one crop with 29 percent of the total value. Production of tobacco was 235.0 million pounds with an average price per pound of \$2.050 per pound. Production and price per pound were both up from the previous year. Production increased 4 percent and price increased 2.3 cents per pound. All hay was second in value with \$420.9 million. It made up 25 percent of the total crop value. Production and price were both down from the previous year. Corn ranked third

with \$355.2 million, 21 percent of total crop value. Production for the year at 173.3 million bushels was up 17 percent from the 2003 crop and a record high production. Price per bushel was the downside at \$2.05 per bushel, down 48 cents from the previous year. Soybeans ranked fourth with 20 percent of the total value. Soybeans also had a record high production while price was down at \$5.87 per bushel. The winter wheat crop was valued at \$60.7 million, 4 percent of the total. Production at 20.5 million bushels and price per bushel at \$2.96 were both lower than the 2003 crop.

Corn for grain led the United States in value of production followed by soybeans, hay, wheat and cotton. Of these five commodities, only hay showed an increase in value from 2003. The hay growth was due to an increase in average value per ton and production. The decrease in corn and soybean value of production resulted from lower average prices per bushel as both experienced increased production. Tobacco value of production was up 11 percent as both production and price per pound were up. Tobacco, Kentucky's number one cash crop, accounted for 28 percent of the Nation's tobacco crop.

### DISTRIBUTION OF KENTUCKY CROP VALUES FOR 2004



## KENTUCKY CROPS RANKED BY 2004 VALUE OF PRODUCTION

RANK	COMMODITY & UNIT	2003 CROP YEAR <sup>1/</sup>		2004 CROP YEAR		CHANGE IN VALUE
		Price Per Unit	Total Value	Price Per Unit	Total Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(04 % of 03)
1.	Tobacco, All, lb.	2.027	456,077	2.050	481,708	106
2.	Hay, All, baled, ton	73.00	465,375	71.00	420,888	90
3.	Corn (for grain), bu.	2.53	374,339	2.05	355,224	95
4.	Soybeans (beans), bu.	7.40	399,156	5.87	335,764	84
5.	Wheat, All, bu.	3.17	68,789	2.96	60,739	88
6.	Commercial Apples, lb.	.327	2,322	.364	2,658	114
7.	Sorghum (grain), bu.	2.55	7,752	1.90	1,976	25
8.	Barley, bu.	1.80	1,080	2.02	1,244	115
9.	Peaches, ton	1,110	1,003	1,290	968	97
TOTAL			1,775,893		1,661,169	94

<sup>1/</sup>Revised.

## TOP SEVEN UNITED STATES' CROPS RANKED BY 2004 VALUE OF PRODUCTION

RANK	COMMODITY & UNIT	2003 CROP YEAR <sup>1/</sup>		2004 CROP YEAR		CHANGE IN VALUE
		Price Per Unit	Total Value	Price Per Unit	Total Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(04 % of 03)
1.	Corn (for grain), bu.	2.42	24,415,917	2.06	24,322,867	100
2.	Soybeans (beans), bu.	7.34	18,009,901	5.74	17,929,958	100
3.	Hay, All, baled, ton	85.50	13,473,518	92.00	14,515,208	107
4.	Wheat, All, bu.	3.40	7,972,184	3.40	7,338,033	92
5.	Cotton, All, lb.	.630	5,516,761	.480	5,299,559	96
6.	Tobacco, All, lb.	1.964	1,576,436	1.988	1,747,614	111
7.	Apples, lb.	.209	1,817,240	.158	1,629,071	90

<sup>1/</sup>Revised.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1995 – 2004

Year	Nov	Dec	Jan 1/	Feb 1/	Mar 1/	Apr 1/	May	Jun	Jul	Aug	Sep	Oct	Marketing Year Avg
<b>BURLEY TOBACCO - TYPE 31</b> (CENTS PER POUND)													
1995	184.5	185.0	187.5	187.5	-	-	-	-	-	-	-	-	185.7
1996	192.5	192.5	192.5	190.0	-	-	-	-	-	-	-	-	192.2
1997	190.5	192.0	188.5	181.0	175.5	170.0	-	-	-	-	-	-	188.6
1998	191.0	191.0	190.0	185.0	162.5	-	-	-	-	-	-	-	190.3
1999	189.5	191.0	190.5	187.5	177.0	-	-	-	-	-	-	-	190.0
2000 2/	197.5	198.5	195.5	193.0	-	-	-	-	-	-	-	-	196.8
2001	198.0	198.5	197.5	196.0	-	-	-	-	-	-	-	-	197.7
2002	198.0	198.5	198.5	194.0	176.0	-	-	-	-	-	-	-	198.0
2003	199.0	198.5	198.0	195.5	-	-	-	-	-	-	-	-	198.2
<b>2004</b>	<b>200.0</b>	<b>200.0</b>	<b>200.0</b>	<b>199.0</b>	<b>200.0</b>	-	-	-	-	-	-	-	<b>200.0</b>

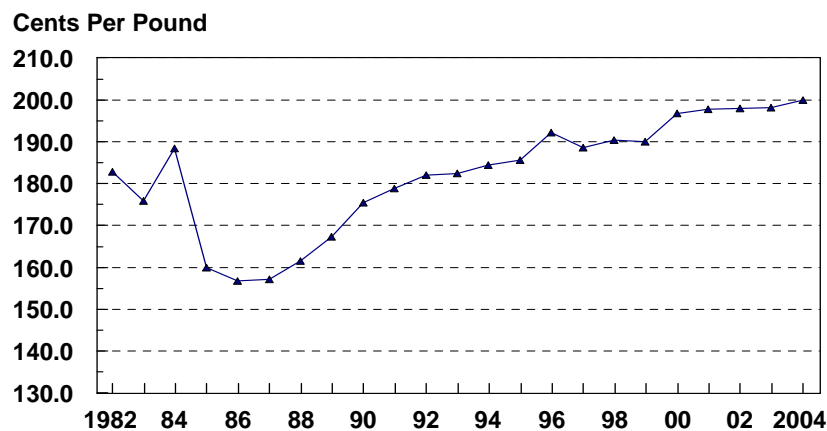
1/Following year. 2/Beginning in 2000 includes contract sales.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY YEAR, 1995 – 2004

Crop Year	Eastern Dark Fire-Cured Tobacco (Type 22)	Western Dark Fire-Cured Tobacco (Type 23)	One Sucker Tobacco (Type 35)	Green River Tobacco (Type 36)
<b>OTHER TOBACCO 1/</b> (CENTS PER POUND)				
1995	217.8	214.5	177.4	174.5
1996	224.6	223.3	194.5	197.9
1997	226.8	224.2	201.1	203.4
1998	225.9	215.9	195.2	197.4
1999	231.2	226.0	206.6	198.2
2000	220.1	208.2	196.5	194.0
2001	219.5	210.1	183.5	182.2
2002	239.8	236.2	213.5	206.1
2003	248.0	245.0	222.3	208.6
<b>2004</b>	<b>254.8</b>	<b>252.0</b>	<b>225.5</b>	<b>210.2</b>

1/Marketing Year Average. Prices include country sales.

### 1982 - 2004 BURLEY TOBACCO PRICES MARKETING YEAR AVERAGE

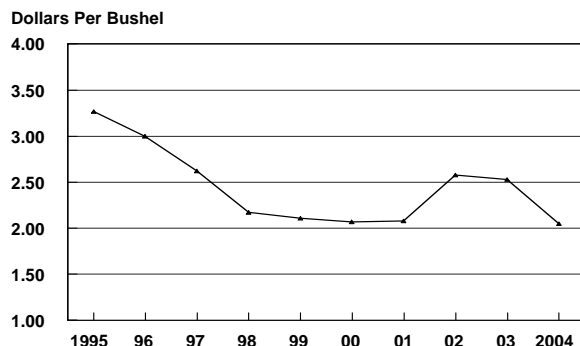


## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1995 - 2005

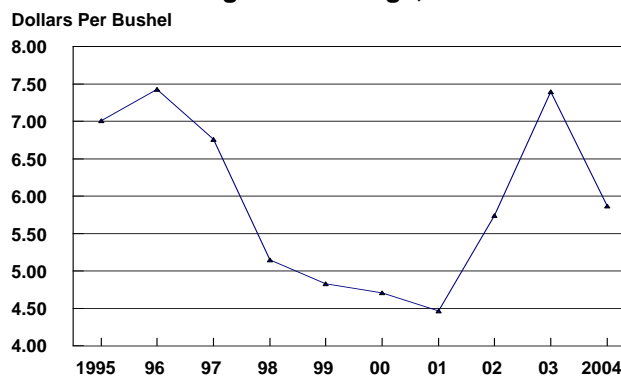
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Avg <sup>1/</sup>
<b>CORN</b> (DOLLARS PER BUSHEL)													
1995	2.44	2.42	2.49	2.54	2.62	2.72	2.82	2.78	2.72	2.91	3.12	3.23	3.27
1996	3.23	3.59	3.98	4.00	4.55	4.67	5.12	4.08	3.36	2.94	2.78	2.79	3.00
1997	3.00	2.85	2.93	3.04	2.94	2.78	2.61	2.67	2.55	2.67	2.68	2.74	2.62
1998	2.76	2.74	2.75	2.58	2.51	2.48	2.34	2.02	1.94	2.15	2.29	2.22	2.17
1999	2.31	2.24	2.29	2.27	2.23	2.21	1.94	1.95	1.97	1.95	1.96	2.22	2.11
2000	2.17	2.23	2.26	2.29	2.35	2.19	1.85	1.95	1.85	1.85	2.00	2.23	2.07
2001	2.18	2.28	2.20	2.08	2.08	2.07	2.12	2.13	2.00	1.90	1.94	2.16	2.08
2002	2.15	2.14	2.10	1.99	2.01	2.14	2.32	2.39	2.55	2.46	2.60	2.56	2.58
2003 <sup>2/</sup>	2.55	2.70	2.58	2.61	2.78	2.72	2.57	2.32	2.24	2.27	2.39	2.45	2.53
2004	2.48	2.74	2.90	3.09	3.06	3.05	2.71	2.40	2.33	2.16	2.11	2.12	2.05
<b>2005</b>	<b>2.36</b>	<b>2.13</b>	<b>2.20</b>	<b>2.19</b>	<b>2.21</b>	<b>2.26</b>							
<b>WINTER WHEAT</b> (DOLLARS PER BUSHEL)													
1995	3.71	3.55	3.44	3.15	3.31	3.70	3.81	3.99	3.92	4.19	4.41	4.70	3.84
1996	4.21	4.97	4.83	6.13	5.96	4.47	4.31	4.38	4.27	4.06	3.88	3.80	4.33
1997	3.84	3.57	3.73	3.50	3.80	3.32	3.18	3.41	3.45	3.31	3.02	3.28	3.24
1998	3.31	2.97	3.13	2.68	2.83	2.50	2.15	2.06	1.97	2.18	2.28	2.10	2.26
1999	2.51	2.38	2.13	2.03	1.98	2.21	2.08	2.16	2.20	2.00	2.21	2.21	2.19
2000	2.50	2.32	2.66	2.15	2.32	2.34	2.10	2.06	2.04	1.96	2.14	2.31	2.26
2001	2.31	2.58	2.69	2.15	2.40	2.35	2.47	2.58	2.45	2.40	2.58	2.76	2.50
2002	2.75	2.83	2.71	2.58	2.48	2.67	2.94	3.09	3.38	3.42	3.38	3.67	3.01
2003 <sup>2/</sup>	3.49	3.40	3.14	3.06	3.25	3.12	3.08	3.38	3.32	3.07	3.49	3.31	3.17
2004	3.25	3.44	3.90	3.54	3.39	3.15	2.91	2.97	2.55	2.64	2.51	2.89	2.96
<b>2005</b>	<b>3.10</b>	<b>2.93</b>	<b>2.77</b>	<b>3.17</b>	<b>2.69</b>	<b>3.22</b>							
<b>SOYBEANS</b> (DOLLARS PER BUSHEL)													
1995	5.64	5.73	5.71	5.75	5.82	5.94	6.16	6.09	6.25	6.39	6.66	6.91	7.01
1996	7.03	7.33	7.34	7.75	8.04	7.64	8.02	8.04	7.96	7.06	7.06	7.23	7.43
1997	7.34	7.63	7.96	8.36	8.72	8.35	7.78	7.55	7.02	6.83	7.15	6.94	6.76
1998	6.89	6.78	6.57	6.41	6.38	6.30	6.28	5.66	5.27	5.40	5.63	5.52	5.15
1999	5.48	4.91	4.80	4.73	4.63	4.59	4.22	4.68	4.76	4.63	4.55	4.62	4.83
2000	4.85	5.06	5.16	5.29	5.40	5.12	4.66	4.74	4.81	4.62	4.58	4.94	4.71
2001	4.88	4.67	4.56	4.38	4.47	4.66	5.05	5.02	4.57	4.25	4.23	4.35	4.47
2002	4.45	4.46	4.54	4.69	4.78	5.06	5.62	5.54	5.56	5.56	5.72	5.65	5.74
2003 <sup>2/</sup>	5.77	5.78	5.83	6.00	6.25	6.16	5.98	5.79	6.05	6.80	7.24	7.29	7.40
2004	7.25	8.11	9.04	9.82	8.94	9.12	8.71	6.59	6.01	5.76	5.65	5.61	5.87
<b>2005</b>	<b>5.82</b>	<b>5.65</b>	<b>6.12</b>	<b>6.17</b>	<b>6.49</b>	<b>6.84</b>							

<sup>1/</sup>Marketing year average is the weighted monthly price for the marketing year. Marketing year for Corn & Soybeans is September through August and for Winter Wheat is July through June. <sup>2/</sup>Revised.

**KENTUCKY CORN PRICES**  
Marketing Year Average, 1995 - 2004



**KENTUCKY SOYBEAN PRICES**  
Marketing Year Average, 1995 - 2004



## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1995 - 2005

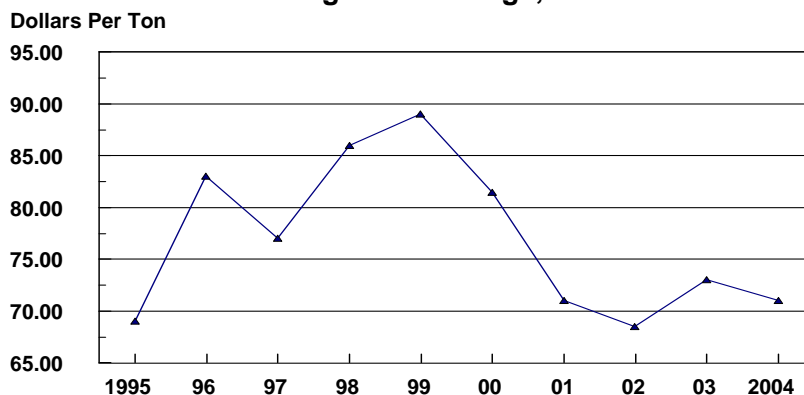
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Avg <sup>1/</sup>
<b>ALFALFA HAY <sup>2/</sup></b> (DOLLARS PER TON)													
1995	110.00	110.00	102.00	99.00	99.00	95.00	95.00	95.00	96.00	105.00	106.00	95.00	98.00
1996	96.00	103.00	108.00	107.00	104.00	98.00	107.00	118.00	117.00	114.00	112.00	106.00	108.00
1997	104.00	108.00	104.00	98.00	95.00	91.00	91.00	95.00	100.00	110.00	108.00	104.00	99.00
1998	103.00	107.00	107.00	110.00	110.00	105.00	111.00	111.00	107.00	111.00	107.00	107.00	112.00
1999	110.00	125.00	123.00	125.00	119.00	118.00	120.00	120.00	120.00	120.00	123.00	120.00	120.00
2000	120.00	123.00	122.00	117.00	114.00	110.00	100.00	100.00	95.00	110.00	110.00	110.00	109.00
2001	110.00	125.00	110.00	110.00	100.00	100.00	95.00	90.00	95.00	95.00	105.00	100.00	99.50
2002	110.00	105.00	105.00	95.00	95.00	95.00	100.00	95.00	105.00	100.00	105.00	110.00	102.00
2003 <sup>3/</sup>	100.00	105.00	105.00	105.00	110.00	110.00	110.00	115.00	110.00	115.00	115.00	110.00	107.00
2004	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	103.00
<b>2005</b>	<b>105.00</b>	<b>105.00</b>	<b>110.00</b>	<b>110.00</b>	<b>115.00</b>	<b>115.00</b>							

<b>ALL OTHER HAY <sup>2/</sup></b> (DOLLARS PER TON)													
1995	69.00	68.00	63.00	61.00	61.00	59.00	58.00	58.00	58.00	65.00	66.00	60.00	61.50
1996	60.00	65.00	67.00	66.00	64.00	66.00	73.00	80.00	77.00	74.00	72.00	68.00	70.50
1997	67.00	69.00	68.00	66.00	63.00	59.00	59.00	62.00	65.00	72.00	71.00	68.00	66.00
1998	67.00	70.00	70.00	72.00	73.00	68.00	72.00	72.00	70.00	72.00	70.00	70.00	73.00
1999	72.00	81.00	80.00	81.00	77.00	77.00	78.00	78.00	78.00	78.00	81.00	78.00	78.00
2000	78.00	80.00	79.00	76.00	74.00	72.00	65.00	65.00	62.00	72.00	72.00	72.00	70.00
2001	72.00	75.00	66.00	64.00	58.00	58.00	55.00	52.00	55.00	55.00	61.00	58.00	58.00
2002	64.00	61.00	61.00	52.00	55.00	55.00	58.00	55.00	61.00	58.00	61.00	64.00	59.00
2003 <sup>3/</sup>	58.00	61.00	61.00	61.00	64.00	64.00	64.00	67.00	64.00	67.00	67.00	64.00	62.50
2004	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	59.00
<b>2005</b>	<b>61.00</b>	<b>61.00</b>	<b>64.00</b>	<b>64.00</b>	<b>67.00</b>	<b>67.00</b>							

<b>ALL HAY <sup>2/</sup></b> (DOLLARS PER TON)													
1995	78.00	76.00	67.00	71.00	83.00	68.00	64.00	70.00	64.00	71.00	69.00	65.00	69.00
1996	68.00	72.00	72.00	77.00	92.00	78.00	85.00	99.00	91.00	77.00	82.00	76.00	83.00
1997	76.00	83.00	81.00	80.00	86.00	71.00	70.00	78.00	77.00	75.00	81.00	75.00	77.00
1998	76.00	83.00	84.00	88.00	95.00	82.00	86.00	92.00	83.00	75.00	80.00	78.00	86.00
1999	82.00	97.00	96.00	100.00	103.00	89.00	92.00	95.00	88.00	83.00	91.00	88.00	89.00
2000	88.00	90.00	88.00	93.00	92.00	83.00	75.00	81.00	72.00	80.00	80.00	83.00	81.50
2001	82.00	88.00	78.00	87.00	84.00	70.00	68.00	69.00	67.00	64.00	71.00	70.00	71.00
2002	76.00	72.00	73.00	73.00	67.00	62.00	63.00	68.00	73.00	67.00	71.00	74.00	68.50
2003 <sup>3/</sup>	68.00	70.00	75.00	75.00	78.00	72.00	70.00	82.00	77.00	78.00	78.00	74.00	73.00
2004	68.00	67.00	71.00	72.00	75.00	65.00	65.00	69.00	72.00	70.00	71.00	68.00	71.00
<b>2005</b>	<b>73.00</b>	<b>76.00</b>	<b>87.00</b>	<b>86.00</b>	<b>81.00</b>	<b>76.00</b>							

<sup>1/</sup>Marketing year for Hay is May - April. Marketing year average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. <sup>2/</sup>Baled. <sup>3/</sup>Revised.

### ALL HAY AVERAGE PRICES Marketing Year Average, 1995 – 2004



## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1995 - 2005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg 1/
<b>BEEF COWS 2/</b> (DOLLARS PER CWT.)													
1995	37.50	41.00	39.00	39.00	38.00	38.50	36.50	35.50	32.50	31.00	30.00	30.00	35.40
1996	31.00	31.00	31.00	29.50	31.00	31.00	31.00	31.00	29.00	29.00	28.00	27.00	30.60
1997	28.00	33.00	36.00	38.00	39.00	39.00	39.00	36.00	34.00	33.00	32.00	32.00	34.80
1998	35.00	37.00	37.00	38.00	38.00	37.00	36.00	35.00	33.00	30.00	30.00	30.00	34.80
1999	32.00	34.00	35.00	35.00	37.00	36.00	36.00	35.00	33.00	33.00	34.00	35.00	34.80
2000	34.00	36.00	38.00	40.00	41.00	41.00	40.00	39.00	38.00	37.00	37.00	36.00	37.80
2001	38.00	42.00	42.00	44.00	45.00	47.00	44.00	44.00	42.00	37.00	36.00	36.00	40.70
2002	36.00	40.00	41.00	40.00	41.00	41.00	37.00	36.00	33.00	34.00	32.00	33.00	37.00
2003	32.00	36.00	36.00	38.00	41.00	41.00	43.00	42.00	43.00	42.00	45.00	47.00	43.20
2004	44.00	44.00	44.00	47.00	51.00	52.00	54.00	53.00	52.00	50.00	49.00	48.00	49.70
<b>2005</b>	<b>47.00</b>	<b>50.00</b>	<b>50.00</b>	<b>52.00</b>	<b>55.00</b>	<b>55.00</b>							
<b>STEERS AND HEIFERS 3/</b> (DOLLARS PER CWT.)													
1995	67.00	66.00	63.00	62.00	60.00	60.00	58.00	57.00	55.00	54.00	52.00	52.00	58.90
1996	48.00	49.00	48.50	45.00	46.00	48.00	49.00	50.00	50.00	48.00	49.00	49.00	48.20
1997	57.00	61.00	64.00	66.00	70.00	70.00	73.00	72.00	71.00	67.00	65.00	67.00	66.90
1998	70.00	71.00	72.00	73.00	73.00	70.00	64.00	63.00	60.00	61.00	61.00	61.00	66.60
1999	64.00	67.00	67.00	67.00	67.00	70.00	71.00	71.00	72.00	74.00	74.00	77.00	69.50
2000	80.00	81.00	84.00	85.00	85.00	85.00	86.00	84.00	80.00	80.00	82.00	83.00	82.70
2001	83.00	81.00	84.00	85.00	85.00	88.00	86.00	84.00	82.00	77.00	73.00	76.00	81.60
2002	76.00	77.00	78.00	74.00	74.00	73.00	72.00	72.00	71.00	72.00	72.00	74.00	73.80
2003	74.00	73.00	73.00	76.00	78.00	80.00	83.00	85.00	89.00	88.00	87.00	88.00	81.20
2004	84.00	85.00	89.00	91.00	97.00	103.00	105.00	108.00	103.00	100.00	97.00	95.00	95.10
<b>2005</b>	<b>96.00</b>	<b>97.00</b>	<b>103.00</b>	<b>109.00</b>	<b>112.00</b>	<b>109.00</b>							
<b>BEEF CATTLE 4/</b> (DOLLARS PER CWT.)													
1995	59.90	60.00	57.20	56.50	54.70	54.80	52.80	51.80	49.60	48.50	46.70	46.70	53.30
1996	43.90	44.70	44.30	41.30	42.40	43.90	44.70	45.40	45.00	43.40	44.00	43.70	43.80
1997	50.00	54.30	57.30	59.30	62.60	62.60	64.80	63.40	62.10	58.80	57.10	58.60	59.20
1998	61.60	63.10	63.60	64.60	64.50	62.10	57.30	56.30	53.30	53.60	53.60	53.60	59.00
1999	56.30	59.10	59.30	59.30	59.80	61.80	62.60	62.40	62.60	64.20	64.40	66.90	59.30
2000	69.00	70.20	73.00	74.20	74.40	74.40	75.00	73.20	69.90	69.40	71.20	71.70	71.90
2001	72.20	71.60	73.90	75.20	75.40	78.20	75.90	74.40	72.40	67.40	64.10	66.40	71.70
2002	66.40	68.10	69.10	65.80	66.10	65.30	63.60	63.40	61.90	62.90	62.40	64.20	64.90
2003	63.90	64.10	64.10	66.90	69.10	70.60	73.40	74.70	78.00	77.00	76.90	78.20	72.30
2004	74.40	75.20	78.20	80.40	86.00	90.80	92.80	94.80	90.80	88.00	85.50	83.70	84.30
<b>2005</b>	<b>84.20</b>	<b>85.70</b>	<b>90.30</b>	<b>95.30</b>	<b>98.30</b>	<b>96.00</b>							
<b>CALVES 5/</b> (DOLLARS PER CWT.)													
1995	75.00	75.00	73.00	71.00	68.00	67.00	64.00	59.00	56.00	54.00	50.00	50.00	63.70
1996	46.00	48.00	49.00	45.00	46.00	46.50	45.00	48.00	47.00	45.00	46.00	46.00	46.50
1997	56.00	64.00	71.00	75.00	78.00	78.00	81.00	77.00	75.00	70.00	69.00	73.00	72.20
1998	77.00	80.00	84.00	87.00	83.00	77.00	69.00	70.00	65.00	66.00	66.00	68.00	74.90
1999	75.00	78.00	79.00	79.00	78.00	79.00	79.00	79.00	81.00	81.00	81.00	87.00	80.20
2000	93.00	94.00	100.00	102.00	99.00	97.00	102.00	97.00	92.00	92.00	94.00	94.00	96.10
2001	98.00	99.00	103.00	102.00	99.00	102.00	99.00	96.00	95.00	88.00	84.00	90.00	96.20
2002	92.00	95.00	95.00	89.00	88.00	83.00	80.00	80.00	79.00	80.00	80.00	82.00	84.90
2003	84.00	86.00	86.00	90.00	91.00	91.00	92.00	93.00	98.00	96.00	98.00	99.00	92.00
2004	99.00	101.00	108.00	111.00	115.00	118.00	120.00	123.00	118.00	114.00	112.00	110.00	112.00
<b>2005</b>	<b>113.00</b>	<b>117.00</b>	<b>126.00</b>	<b>132.00</b>	<b>133.00</b>	<b>131.00</b>							

1/Annual average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. 2/Beef cows and cull dairy cows sold for slaughter. 3/500 lbs. and over. 4/"Steers and heifers" and "cows" combined. 5/Under 500 lbs.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1995 - 2005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>1/</sup>
<b>MILK COWS</b> (DOLLARS PER HEAD)													
1995	1,030	-	-	1,050	-	-	1,040	-	-	1,020	-	-	1,040
1996	1,000	-	-	990	-	-	990	-	-	1,000	-	-	1,000
1997	1,000	-	-	1,050	-	-	1,040	-	-	1,020	-	-	1,030
1998	1,000	-	-	1,000	-	-	1,040	-	-	1,090	-	-	1,030
1999	1,140	-	-	1,170	-	-	1,180	-	-	1,290	-	-	1,200
2000	1,240	-	-	1,250	-	-	1,310	-	-	1,310	-	-	1,280
2001	1,320	-	-	1,340	-	-	1,540	-	-	1,650	-	-	1,460
2002	1,540	-	-	1,650	-	-	1,580	-	-	1,450	-	-	1,550
2003	1,350	-	-	1,330	-	-	1,310	-	-	1,360	-	-	1,340
2004	1,310	-	-	1,550	-	-	1,640	-	-	1,640	-	-	1,540
<b>2005</b>	<b>1,550</b>	-	-	<b>1,690</b>									

### MILK-FLUID MARKET <sup>2/</sup> (DOLLARS PER CWT.)

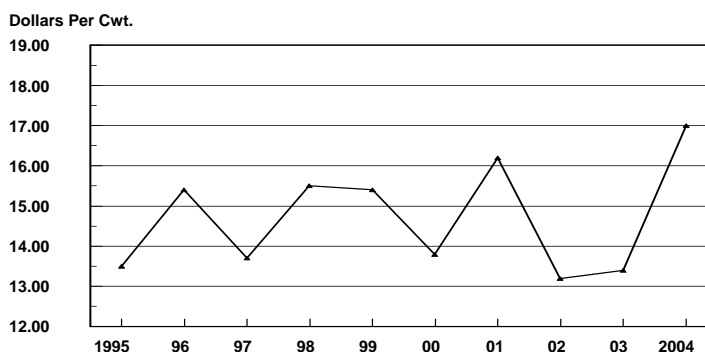
1995	13.60	13.40	13.30	13.30	13.50	13.00	12.90	13.40	13.30	13.80	14.40	14.50	13.50
1996	14.90	14.80	14.60	14.40	14.60	15.10	15.70	16.00	16.50	17.00	17.10	15.60	15.50
1997	13.70	13.50	13.90	14.10	14.10	13.30	12.60	12.70	13.00	14.20	15.00	15.00	13.80
1998	15.00	15.40	15.20	14.80	14.40	14.10	12.90	15.10	16.80	17.40	17.50	18.20	15.50
1999	18.80	18.50	17.70	12.20	13.20	13.60	13.30	13.50	15.80	17.50	17.90	13.30	15.40
2000	13.10	13.00	13.00	13.10	13.60	13.90	14.40	14.30	14.30	14.10	14.60	14.70	13.80
2001	14.90	14.40	15.10	15.70	16.70	17.30	17.60	18.00	18.10	16.70	16.60	14.10	16.20
2002	14.30	13.90	13.50	13.40	13.00	12.80	12.80	12.80	12.70	12.90	13.00	12.90	13.20
2003	12.80	12.40	12.00	11.90	12.10	12.00	12.50	13.50	15.60	16.10	15.70	15.40	13.40
2004	14.20	14.40	15.70	16.70	20.20	20.40	19.00	16.20	16.50	16.70	16.80	17.00	17.00
<b>2005</b>	<b>17.30</b>	<b>15.90</b>	<b>16.70</b>	<b>15.90</b>	<b>15.80</b>	<b>15.50</b>							

### MILK-WHOLESALE, ALL (DOLLARS PER CWT.)

1995	13.50	13.30	13.20	13.20	13.50	13.00	12.80	13.30	13.30	13.70	14.30	14.40	13.50
1996	14.90	14.80	14.60	14.30	14.60	15.00	15.70	15.90	16.50	17.00	17.00	15.50	15.40
1997	13.70	13.40	13.90	14.00	14.00	13.20	12.50	12.60	13.00	14.20	15.00	15.00	13.70
1998	15.00	15.30	15.10	14.70	14.30	14.10	12.90	15.10	16.80	17.40	17.50	18.20	15.50
1999	18.70	18.40	17.60	12.20	13.10	13.60	13.30	13.50	15.70	17.40	17.80	13.30	15.40
2000	13.10	13.00	13.00	13.10	13.60	13.90	14.40	14.30	14.30	14.10	14.50	14.60	13.80
2001	14.80	14.40	15.10	15.70	16.70	17.30	17.60	18.00	18.10	16.70	16.60	14.10	16.20
2002	14.30	13.90	13.50	13.40	13.00	12.80	12.80	12.80	12.70	12.90	13.00	12.90	13.20
2003	12.80	12.40	12.00	11.90	12.10	12.00	12.50	13.50	15.60	16.10	15.70	15.40	13.40
2004	14.20	14.40	15.70	16.70	20.20	20.30	18.90	16.20	16.50	16.70	16.80	17.00	17.00
<b>2005</b>	<b>17.30</b>	<b>15.90</b>	<b>16.70</b>	<b>15.90</b>	<b>15.80</b>	<b>15.50</b>							

<sup>1/</sup>Calendar year average. <sup>2/</sup>Includes surplus diverted to manufacturing.

### KENTUCKY ALL MILK PRICES Marketing Year Average, 1995 - 2004

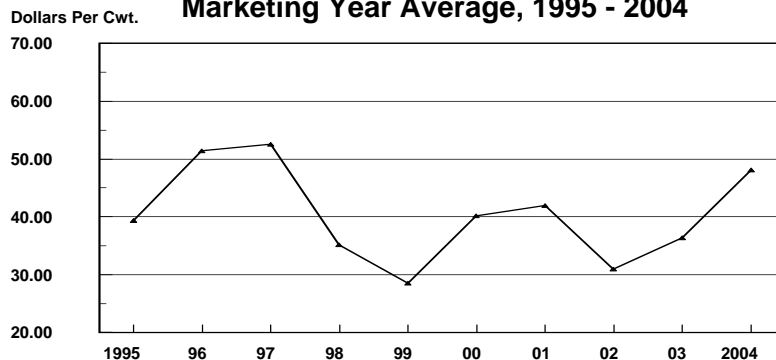


## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1995 - 2005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Avg. <sup>1/</sup>
<b>BARROWS AND GILTS</b> (DOLLARS PER CWT.)													
1995	37.00	38.50	37.50	35.00	36.00	42.00	46.00	49.00	47.00	45.00	40.50	43.00	39.80
1996	42.50	47.00	49.00	51.00	57.00	57.00	58.00	58.00	54.00	55.00	54.00	55.00	51.90
1997	53.00	52.00	49.00	54.00	58.00	57.00	60.00	56.00	53.00	48.00	46.00	41.00	53.00
1998	34.00	37.00	36.00	36.00	45.00	45.00	39.00	36.00	31.00	28.00	20.00	18.00	35.70
1999	25.00	26.00	25.00	28.00	34.00	33.00	29.00	35.00	31.00	32.00	32.00	34.00	28.80
2000	35.00	38.00	40.00	46.00	46.00	46.00	46.00	40.00	39.00	39.00	34.00	38.00	40.40
2001	34.00	37.00	44.00	44.00	48.00	50.00	50.00	49.00	43.00	38.00	34.00	33.00	42.30
2002	38.00	38.00	35.00	30.00	31.00	34.00	36.00	28.00	24.00	29.00	28.00	30.00	31.40
2003	32.00	33.00	34.00	35.00	41.00	46.00	43.00	40.00	40.00	37.00	34.00	34.00	36.80
2004	38.00	44.00	47.00	48.00	57.00	56.00	56.00	54.00	53.00	52.00	53.00	52.00	48.40
<b>2005</b>	<b>52.00</b>	<b>50.00</b>	<b>49.00</b>	<b>49.00</b>	<b>54.00</b>	<b>49.00</b>							
<b>SOWS</b> (DOLLARS PER CWT.)													
1995	25.00	30.00	32.00	30.00	29.00	29.00	29.00	35.00	36.00	38.00	32.00	32.00	30.00
1996	32.00	33.00	34.00	36.00	41.00	43.00	46.00	48.00	46.00	48.00	49.00	47.00	40.50
1997	45.00	46.00	45.00	45.00	47.00	46.00	45.00	43.00	40.00	38.00	36.00	35.00	43.30
1998	26.00	27.00	27.00	27.00	28.00	28.00	26.00	22.00	18.00	20.00	16.00	13.00	24.70
1999	19.00	18.00	21.00	24.00	30.00	30.00	20.00	23.00	22.00	24.00	24.00	24.00	22.20
2000	33.00	38.00	34.00	38.00	41.00	36.00	35.00	35.00	35.00	34.00	29.00	30.00	34.20
2001	31.00	31.00	34.00	40.00	39.00	41.00	40.00	39.00	34.00	32.00	29.00	24.00	35.00
2002	25.00	27.00	30.00	24.00	23.00	21.00	18.00	18.00	16.00	20.00	21.00	22.00	22.30
2003	22.00	23.00	24.00	27.00	28.00	30.00	33.00	33.00	30.00	30.00	29.00	28.00	27.60
2004	28.00	35.00	40.00	39.00	41.00	46.00	50.00	49.00	43.00	42.00	42.00	44.00	40.30
<b>2005</b>	<b>44.00</b>	<b>47.00</b>	<b>43.00</b>	<b>41.00</b>	<b>39.00</b>	<b>44.00</b>							
<b>HOGS <sup>2/</sup></b> (DOLLARS PER CWT.)													
1995	36.50	38.20	37.30	34.80	35.70	41.50	45.30	48.40	46.60	44.70	40.20	42.60	39.40
1996	42.10	46.40	48.40	50.40	56.40	56.40	57.50	57.60	53.70	54.70	53.80	54.70	51.40
1997	52.70	51.80	48.80	53.60	57.60	56.60	59.40	55.50	52.50	47.60	45.60	40.80	52.60
1998	33.70	36.60	35.60	35.60	44.30	44.30	38.50	35.40	30.50	27.70	19.80	17.80	35.20
1999	24.80	25.70	24.80	27.80	33.80	32.90	28.60	34.50	30.60	31.70	31.70	33.60	28.50
2000	34.90	38.00	39.80	45.70	45.80	45.60	45.60	39.80	38.80	38.80	33.80	37.70	40.20
2001	33.90	36.80	43.60	43.80	47.60	49.60	49.60	48.60	42.60	37.80	33.80	32.60	42.00
2002	37.50	37.60	34.80	29.80	30.70	33.50	35.30	27.60	23.70	28.60	27.70	29.70	31.00
2003	31.60	32.60	33.60	34.70	40.50	45.40	42.60	39.70	39.60	36.70	33.80	33.80	36.40
2004	37.60	43.60	46.70	47.60	56.40	55.60	55.80	53.80	52.60	51.60	52.60	51.70	48.10
<b>2005</b>	<b>51.70</b>	<b>49.90</b>	<b>49.70</b>	<b>48.70</b>	<b>53.40</b>	<b>48.80</b>							

<sup>1/</sup>Marketing year is December preceding year through November. Prices computed by weighting monthly prices by estimated percentage of sales made each month. <sup>2/</sup>"Barrows and gilts" and "sows" combined.

### KENTUCKY HOG PRICES Marketing Year Average, 1995 - 2004





## PRICES RECEIVED BY KENTUCKY FARMERS RECORD HIGHS AND LOWS

Commodity	Price /Unit	Record High			Record Low			Records Begin in Year
		Year	Month	Price	Year	Month	Price	
Corn	\$/Bu.	1996	Jul.	5.12	1932	Dec.	0.27	1907
Wheat	\$/Bu.	1996	Apr.	6.13	1932	Jul.	0.44	1907
Soybeans	\$/Bu.	1973	Jun.	10.40	1932	Nov.	0.60	1913
All Hay	\$/Ton	1999	May	103.00	1933	Mar.	8.20	1916
Alfalfa Hay	\$/Ton	1988	Aug.	128.00	1939	Jul.	11.70	1939
All Other Hay	\$/Ton	1988	Jul.	86.00	1956	Sep.	15.50	1948
Tobacco <u>1/</u>								
Burley	¢/Lb.	<b>2004</b>	SA	<b>200.0</b>	1931	SA	8.6	1919
Eastern Dark Fired Type 22	¢/Lb.	<b>2004</b>	SA	<b>254.8</b>	1931	SA	5.5	1919
Western Dark Fired Type 23	¢/Lb.	<b>2004</b>	SA	<b>252.0</b>	1931	SA	3.9	1919
One Sucker Type 35	¢/Lb.	<b>2004</b>	SA	<b>225.5</b>	1931	SA	3.4	1919
Green River Type 36	¢/Lb.	<b>2004</b>	SA	<b>210.2</b>	1931	SA	3.3	1919
Beef Cattle	\$/Cwt.	<b>2005</b>	May	<b>98.30</b>	1933	Dec.	3.05	1910
Beef Cows	\$/Cwt.	1979	May	55.10	1954	Dec.	8.30	1953
Steers & Heifers	\$/Cwt.	<b>2005</b>	May	<b>112.00</b>	1956	Jan.	15.30	1953
Calves	\$/Cwt.	<b>2005</b>	May	<b>133.00</b>	1933	Jun.	4.20	1910
Milk Cows	\$/Head	<b>2005</b>	Apr.	<b>1,690.00</b>	1934	Jan.	22.00	1910
Milk Wholesale, All	\$/Cwt.	<b>2004</b>	Jun.	<b>20.30</b>	1932	Jun.	1.10	1909
Milk - Fluid Market	\$/Cwt.	<b>2004</b>	Jun.	<b>20.40</b>	1962	Jun.	3.60	1950
Hogs	\$/Cwt.	1982	Aug.	63.50	1933	Dec.	3.15	1910
Eggs <u>1/</u>	¢/Doz.	2001	SA	93.5	1933	SA	11.5	1909

1/ SA = Season Average Price.

## MARKET YEAR AVERAGE PRICES RECEIVED BY KENTUCKY FARMERS, 1963 - 2004

Year	Burley Tobacco	Soybeans	Corn	Wheat	Beef Cattle	Calves	Hogs	All Milk	All Eggs <sup>1/</sup>
	(¢/Lb)	(\$/Bu)	(\$/Bu)	(\$/Bu)	(\$/Cwt)	(\$/Cwt)	(\$/Cwt)	(\$/Cwt)	(¢/Doz)
1963	59.9	2.51	1.18	1.82	19.20	26.80	15.10	3.85	34.1
1964	60.5	2.60	1.26	1.34	16.50	24.10	15.00	3.88	30.3
1965	69.2	2.48	1.25	1.33	18.50	25.20	19.70	3.96	31.8
1966	66.6	2.75	1.40	1.58	21.30	29.90	22.90	4.69	36.8
1967	72.0	2.45	1.16	1.38	21.50	31.10	19.40	4.87	29.8
1968	73.7	2.40	1.18	1.22	22.00	31.20	18.60	5.06	32.3
1969	69.8	2.32	1.30	1.22	24.60	33.30	22.00	5.18	38.2
1970	72.2	2.87	1.52	1.31	26.20	34.80	22.80	5.45	36.3
1971	81.2	2.96	1.13	1.47	27.40	36.90	17.80	5.62	30.0
1972	79.4	4.06	1.72	1.47	32.20	44.00	25.40	5.84	29.0
1973	93.2	5.64	2.65	3.28	43.00	57.00	38.60	6.84	50.6
1974	114.1	6.84	3.08	3.77	31.80	40.10	35.20	8.10	51.9
1975	106.7	4.87	2.57	2.96	27.40	27.00	47.20	8.25	49.1
1976	115.0	6.74	2.22	2.95	31.40	34.60	44.10	9.45	54.2
1977	121.8	6.18	2.19	2.10	31.60	37.00	39.10	9.45	50.6
1978	131.8	6.82	2.40	3.15	46.60	56.00	46.20	10.20	47.7
1979	145.8	6.42	2.72	4.00	65.10	83.00	41.50	11.80	55.0
1980	166.0	7.75	3.35	3.85	59.30	72.40	38.50	12.80	51.6
1981	181.0	6.33	2.57	3.45	51.00	57.70	44.50	13.60	58.8
1982	182.9	5.74	2.57	3.19	47.50	55.00	53.50	13.50	54.4
1983	175.8	7.79	3.54	3.35	46.20	55.40	47.60	13.50	54.6
1984	188.4	6.07	2.82	3.30	45.00	52.90	48.10	13.40	65.8
1985	159.9	5.26	2.37	2.90	46.40	57.30	44.80	12.80	51.7
1986	156.8	4.97	1.69	2.45	45.90	57.30	49.90	12.60	55.4
1987	157.2	5.93	2.02	2.50	55.20	73.90	51.70	12.90	50.3
1988	161.5	7.66	2.76	3.60	61.40	84.00	42.90	12.60	47.7
1989	167.4	5.91	2.54	3.64	66.40	85.30	42.40	13.60	64.1
1990	175.5	5.86	2.48	2.77	70.80	89.60	53.70	14.30	67.7
1991	178.9	5.78	2.58	2.51	71.00	93.00	47.60	12.50	73.5
1992	182.1	5.68	2.23	3.26	66.30	82.90	40.60	13.70	61.7
1993	182.5	6.55	2.58	2.83	71.10	87.80	44.40	13.40	68.0
1994	184.4	5.65	2.38	3.11	63.70	79.40	39.20	13.90	63.7
1995	185.7	7.01	3.27	3.84	53.30	63.70	39.40	13.50	65.4
1996	192.2	7.43	3.00	4.33	43.80	46.50	51.40	15.40	79.2
1997	188.6	6.76	2.62	3.24	59.20	72.20	52.60	13.70	74.4
1998	190.3	5.15	2.17	2.26	59.00	74.90	35.20	15.50	72.5
1999	190.0	4.83	2.11	2.19	59.30	80.20	28.50	15.40	78.5
2000	196.8	4.71	2.07	2.26	71.90	96.10	40.20	13.80	90.4
2001	197.7	4.47	2.08	2.50	71.70	96.20	42.00	16.20	93.5
2002	198.0	5.74	2.58	3.01	64.90	84.90	31.00	13.20	83.7
2003 <sup>2/</sup>	198.2	7.40	2.53	3.17	72.30	92.00	36.40	13.40	88.9
<b>2004</b>	<b>200.0</b>	<b>5.87</b>	<b>2.05</b>	<b>2.96</b>	<b>84.30</b>	<b>112.00</b>	<b>48.10</b>	<b>17.00</b>	<b>85.8</b>

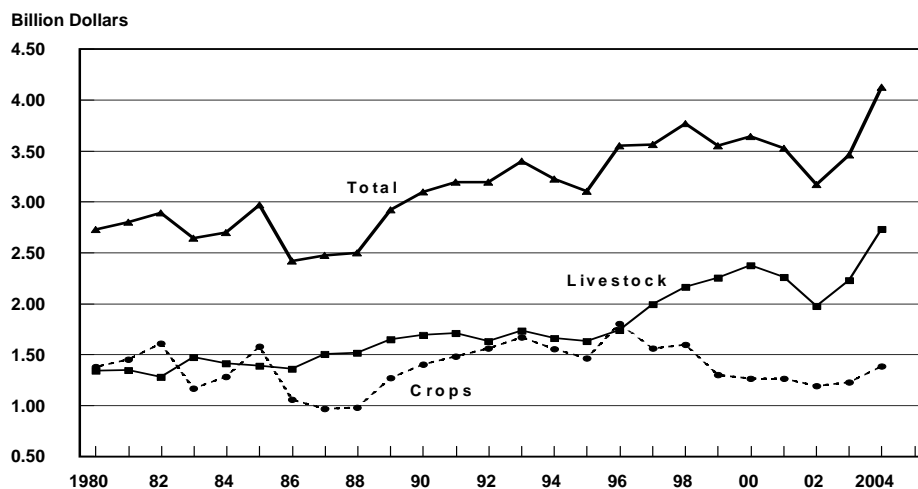
<sup>1/</sup>Includes hatching type eggs. <sup>2/</sup>Revised.

## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1980 – 2004

Year	Livestock	Crops	All Commodities <sup>1/</sup>
(1,000 Dollars)			
1980	1,345,084	1,383,834	2,728,918
1981	1,352,584	1,451,982	2,804,566
1982	1,281,395	1,611,049	2,892,444
1983	1,475,139	1,169,700	2,644,839
1984	1,414,480	1,285,862	2,700,342
1985	1,391,649	1,583,825	2,975,474
1986	1,361,875	1,060,210	2,422,085
1987	1,507,453	971,346	2,478,799
1988	1,520,318	979,135	2,499,453
1989	1,652,154	1,269,623	2,921,777
1990	1,694,257	1,405,465	3,099,722
1991	1,711,058	1,485,026	3,196,084
1992	1,635,692	1,562,135	3,197,827
1993	1,736,120	1,668,566	3,404,686
1994	1,667,270	1,556,907	3,224,177
1995	1,637,957	1,465,475	3,103,432
1996	1,745,193	1,807,851	3,553,044
1997	1,999,423	1,564,807	3,564,230
1998	2,169,898	1,599,516	3,769,414
1999	2,254,890	1,298,737	3,553,627
2000	2,378,571	1,262,914	3,641,485
2001	2,263,556	1,264,666	3,528,221
2002 <sup>2/</sup>	1,979,273	1,194,643	3,173,916
2003 <sup>2/</sup>	2,233,190	1,229,702	3,462,891
<b>2004</b>	<b>2,738,502</b>	<b>1,387,683</b>	<b>4,126,185</b>

<sup>1/</sup>May not add due to rounding. <sup>2/</sup>Revised.

## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1980 - 2004



## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 2002 - 2004

COMMODITY	2002 <u>1/</u>	2003 <u>1/</u>	2004	2004 % of Total	2004 % of 2003
	(\$1,000)	(\$1,000)	(\$1,000)		
<b><u>LIVESTOCK PRODUCTS 2/</u></b>	1,979,273	2,233,190	2,738,502	66.4	123
Cattle & Calves	413,376	543,872	620,650	15.0	114
Dairy Products	208,560	192,022	236,640	5.7	123
Hogs	72,847	66,700	104,513	2.5	157
Sheep & Lambs	<u>3/</u>	1,811	1,609	--	89
Wool	<u>3/</u>	28	42	--	150
Broilers	421,050	506,566	690,932	16.7	136
Eggs	65,565	83,153	88,067	2.1	106
Other Poultry	30,302	31,191	37,581	0.9	120
Horses & Mules <u>4/</u>	760,000	800,000	950,000	23.0	119
Honey	440	401	<u>3/</u>	--	--
Catfish	1,180	1,381	1,151	--	83
Other Livestock Products <u>5/</u>	5,953	6,065	7,317	0.2	121
<b><u>CROPS 2/ 6/</u></b>	1,194,643	1,229,702	1,387,683	33.6	113
Tobacco	443,031	431,177	421,694	10.2	98
Corn	285,329	278,093	340,466	8.3	122
Soybeans	260,676	274,545	372,216	9.0	136
Wheat	56,776	65,220	69,715	1.7	107
Barley	920	1,584	1,490	--	94
Hay	58,584	68,239	71,436	1.7	105
Sorghum Grain	1,778	5,443	3,553	0.1	65
Vegetables	15,000	17,000	18,000	0.4	106
Apples	1,518	1,721	2,480	0.1	144
Peaches	654	1,003	968	--	97
Other Fruits, Nuts & Berries	2,939	3,171	3,263	0.1	103
Floriculture	32,297	34,529	36,592	0.9	106
Greenhouse, Nursery, Sod & Christmas Trees	30,241	40,780	41,011	1.0	101
Other Crops <u>7/</u>	4,900	7,197	4,799	0.1	67
<b><u>ALL COMMODITIES 2/</u></b>	3,173,916	3,462,891	4,126,185	100.0	119

-- Indicates less than .05%. Percent may not be accurate to .1 because of method of machine computation. 1/Revised. 2/May not add due to rounding. 3/Included in all other livestock. 4/Includes stud fees. 5/Includes goats, rabbits, bison and all other livestock. 6/Forest products not included in farm cash receipts, but are included in net farm income. 7/Includes popcorn, sunflowers, other seeds, other field crops and mushrooms.

## 2004 CASH RECEIPTS HIGHLIGHTS

Woodford, Fayette, Graves, Bourbon, Webster and Hickman counties had cash receipts above \$100 million during 2004. Sales of horses and stud fees accounted for most of the cash receipts for Woodford, Fayette and Bourbon while poultry was the largest source of cash receipts in Graves, Webster and Hickman counties. Eighteen additional Kentucky counties had cash receipts above \$50 million for 2004.

Horse sales, including stud fees, continued to be the cash receipt's leader for Kentucky with \$950.0 million. Receipts were up \$150.0 million from the 2003 level. All poultry continued second with \$816.6 million in receipts, up 32 percent from 2003. Broiler receipts totaled \$690.9 million. Cattle and calves' sales were third with \$620.7 million. Tobacco was fourth with \$421.7 million.

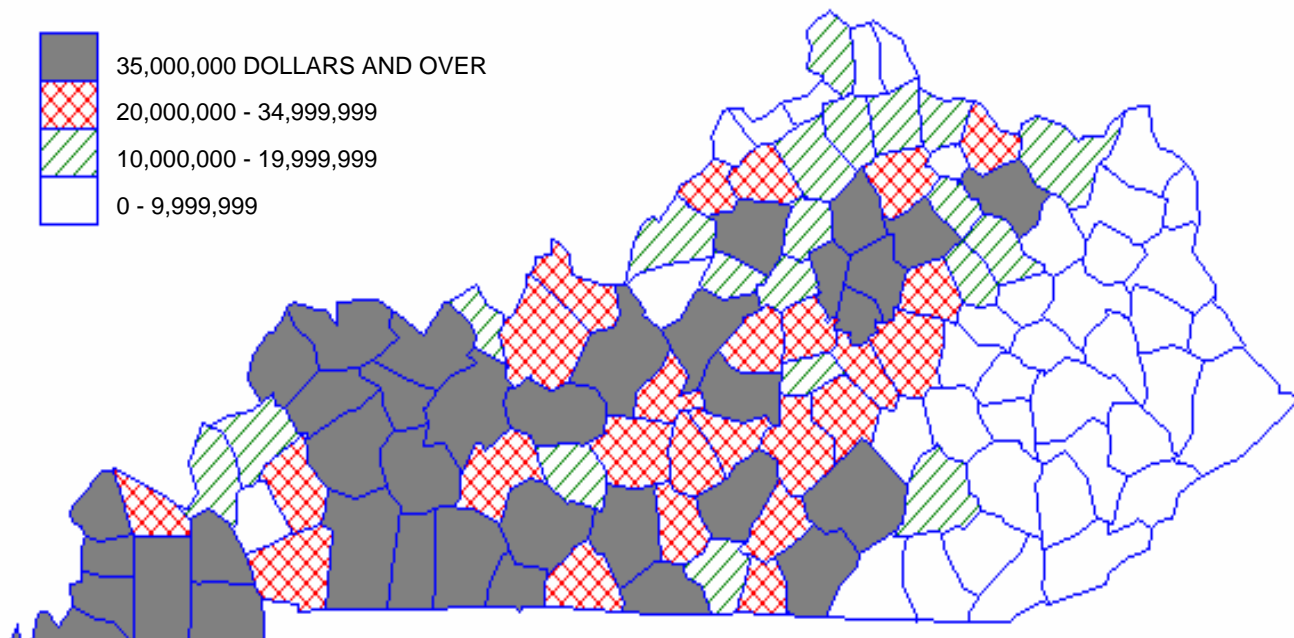
Livestock made up 66 percent of total cash receipts for 2004. Sales of horses and stud fees were 35 percent of livestock and livestock products receipts during 2004. All poultry made up 30 percent of the livestock receipts with cattle and calves accounting for 23 percent of the livestock total.

Crops made up 34 percent of Kentucky's total cash receipts for 2004. Tobacco sales accounted for 30 percent of total crop receipts with soybeans making up 27 percent and corn 25 percent.

### Top Cash Receipt Counties by Commodity - 2004

Horses	- Woodford	Tobacco	- Christian
Broilers	- Graves	Corn	- Union
Cattle	- Barren	Soybeans	- Daviess
Dairy	- Barren	All Hay	- Pulaski
		Wheat	- Christian

## TOTAL CASH RECEIPTS – 2004



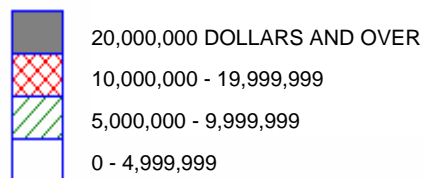
# CASH RECEIPTS FROM FARM MARKETINGS

## COUNTY ESTIMATES - 2004 <sup>1/</sup>

District and County	Total Crops Receipts	Total Livestock Receipts	All Cash Receipts	District and County	Total Crops Receipts	Total Livestock Receipts	All Cash Receipts
(Thousand Dollars)				(Thousand Dollars)			
Ballard	23,348	30,556	53,904				
Calloway	34,729	41,898	76,627	Anderson	3,637	6,375	10,012
Carlisle	18,398	20,895	39,293	Bath	7,928	8,213	16,141
Fulton	27,345	16,070	43,415	Bourbon	18,312	114,871	133,183
Graves	53,762	147,170	200,932	Boyle	5,020	10,838	15,858
Hickman	30,334	74,415	104,749	Clark	8,045	14,816	22,861
Livingston	7,064	10,703	17,767	Fayette	15,120	324,558	339,678
Lyon	4,923	2,006	6,929	Fleming	9,594	27,994	37,588
McCracken	14,725	6,398	21,123	Franklin	7,631	4,621	12,252
Marshall	9,786	26,525	36,311	Garrard	7,824	12,967	20,791
Trigg	18,816	6,770	25,586	Harrison	11,309	10,651	21,960
<b>DISTRICT 1</b>	<b>243,230</b>	<b>383,406</b>	<b>626,636</b>	Jessamine	8,321	62,782	71,103
Caldwell	17,387	8,808	26,195	Lincoln	11,284	22,007	33,291
Christian	69,797	29,933	99,730	Madison	12,214	18,081	30,295
Crittenden	7,301	10,497	17,798	Mason	10,610	13,936	24,546
Daviess	58,674	23,692	82,366	Mercer	8,710	19,140	27,850
Hancock	8,047	7,463	15,510	Montgomery	6,576	12,223	18,799
Henderson	50,125	15,882	66,007	Nicholas	6,809	7,185	13,994
Hopkins	22,774	37,160	59,934	Robertson	2,386	1,460	3,846
Logan	60,802	23,706	84,508	Scott	13,217	39,842	53,059
McLean	34,145	64,361	98,506	Shelby	28,661	22,515	51,176
Muhlenberg	11,773	66,480	78,253	Spencer	7,732	5,405	13,137
Ohio	18,826	61,664	80,490	Washington	11,995	15,765	27,760
Simpson	34,388	14,527	48,915	Woodford	10,934	352,740	363,674
Todd	43,897	36,520	80,417	<b>DISTRICT 5</b>	<b>233,869</b>	<b>1,128,985</b>	<b>1,362,854</b>
Union	47,593	7,033	54,626	Bell	77	194	271
Webster	25,697	87,035	112,732	Boyd	429	1,356	1,785
<b>DISTRICT 2</b>	<b>511,226</b>	<b>494,761</b>	<b>1,005,987</b>	Breathitt	1,028	672	1,700
Adair	6,880	30,812	37,692	Carter	3,835	3,768	7,603
Allen	6,585	27,490	34,075	Clay	2,956	1,355	4,311
Barren	18,678	59,526	78,204	Elliott	2,023	1,560	3,583
Breckinridge	15,261	18,909	34,170	Estill	1,939	2,453	4,392
Bullitt	3,640	4,064	7,704	Floyd	320	190	510
Butler	9,506	15,367	24,873	Greenup	3,169	2,783	5,952
Casey	8,186	16,817	25,003	Harlan	110	42	152
Clinton	2,946	26,128	29,074	Jackson	3,731	3,845	7,576
Cumberland	3,339	6,968	10,307	Johnson	816	388	1,204
Edmonson	3,688	7,472	11,160	Knott	7	104	111
Grayson	8,730	29,791	38,521	Knox	1,286	1,279	2,565
Green	8,210	14,914	23,124	Laurel	6,294	7,821	14,115
Hardin	21,501	21,239	42,740	Lawrence	1,082	1,025	2,107
Hart	10,979	20,015	30,994	Lee	948	651	1,599
Jefferson	8,383	4,163	12,546	Leslie	50	26	76
Larue	15,125	11,446	26,571	Letcher	109	114	223
Marion	11,168	25,824	36,992	Lewis	6,156	4,714	10,870
Meade	9,711	12,493	22,204	McCreary	143	614	757
Metcalfe	6,475	25,244	31,719	Magoffin	1,270	789	2,059
Monroe	5,313	35,900	41,213	Martin	13	144	157
Nelson	13,208	26,470	39,678	Menifee	1,690	1,189	2,879
Russell	5,399	15,569	20,968	Morgan	3,727	2,653	6,380
Taylor	9,333	14,973	24,306	Owsley	1,292	530	1,822
Warren	29,586	47,698	77,284	Perry	262	316	578
<b>DISTRICT 3</b>	<b>241,830</b>	<b>519,292</b>	<b>761,122</b>	Pike	58	188	246
Boone	10,229	7,863	18,092	Powell	1,359	1,373	2,732
Bracken	7,044	5,387	12,431	Pulaski	13,744	25,076	38,820
Campbell	2,724	2,817	5,541	Rockcastle	3,889	6,047	9,936
Carroll	6,226	2,300	8,526	Rowan	2,324	3,403	5,727
Gallatin	2,890	1,713	4,603	Wayne	7,130	52,549	59,679
Grant	6,244	9,888	16,132	Whitley	1,461	4,100	5,561
Henry	14,718	12,716	27,434	Wolfe	1,986	1,034	3,020
Kenton	2,213	3,036	5,249	<b>DISTRICT 6</b>	<b>76,713</b>	<b>134,345</b>	<b>211,058</b>
Oldham	8,484	17,087	25,571	<b>KENTUCKY</b>	<b>1,387,683</b>	<b>2,738,502</b>	<b>4,126,185</b>
Owen	8,386	7,143	15,529	<b>TOP PRODUCING COUNTIES (000 Dollars)</b>			
Pendleton	6,117	4,870	10,987				
Trimble	5,540	2,893	8,433				
<b>DISTRICT 4</b>	<b>80,815</b>	<b>77,713</b>	<b>158,528</b>				
				Woodford	363,674		
				Fayette	339,678		
				Graves	200,932		
				Bourbon	133,183		
				Webster	112,732		

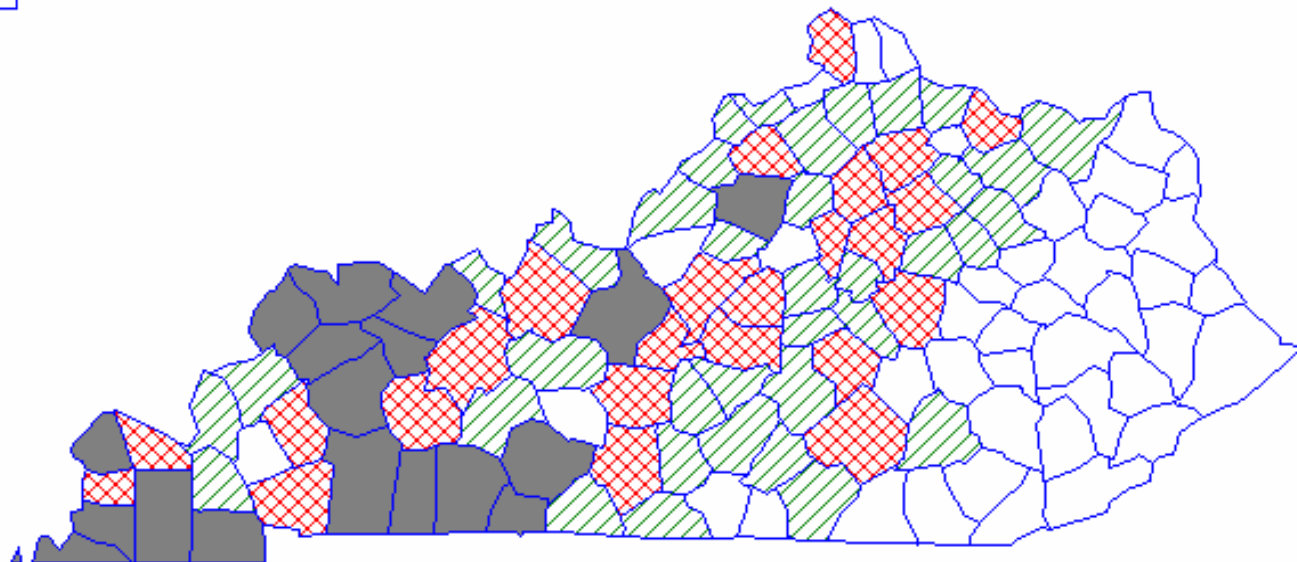
<sup>1/</sup>May not sum due to rounding.

## CROP CASH RECEIPTS - 2004



### TOP FIVE COUNTIES (000 DOLLARS)

1. CHRISTIAN	- 69,797
2. LOGAN	- 60,802
3. DAVIESS	- 58,674
4. GRAVES	- 53,762
5. HENDERSON	- 50,125

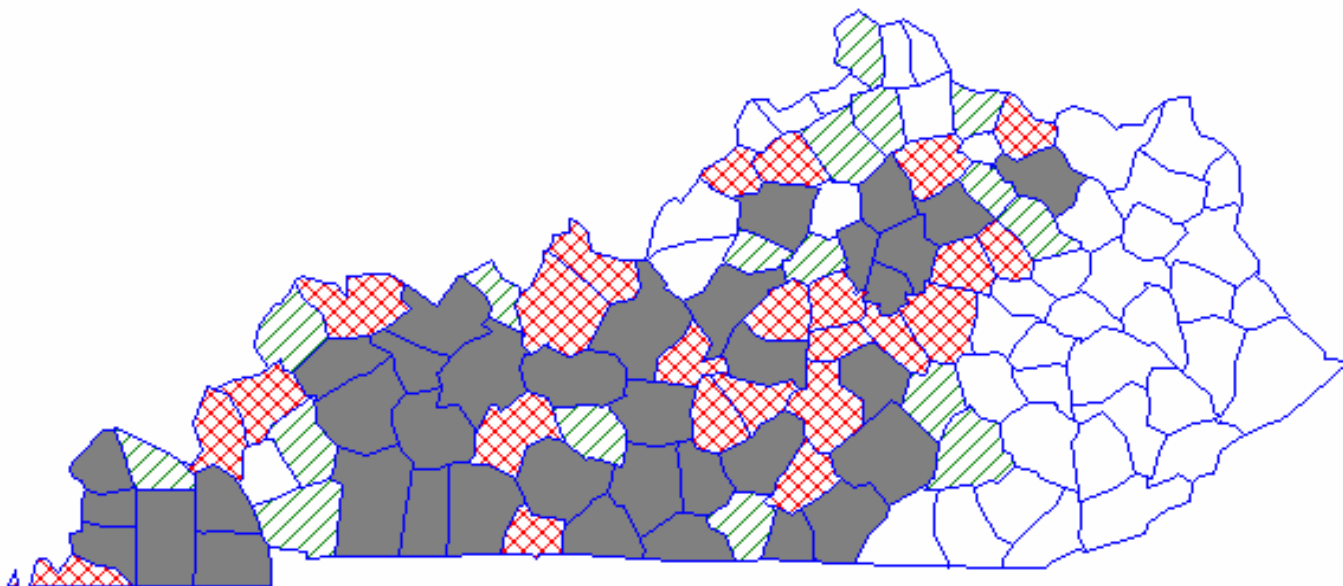


## LIVESTOCK CASH RECEIPTS - 2004



### TOP FIVE COUNTIES (000 DOLLARS)

1. WOODFORD	- 352,740
2. FAYETTE	- 324,558
3. GRAVES	- 147,170
4. BOURBON	- 114,871
5. WEBSTER	- 87,035



# VALUE ADDED TO THE KENTUCKY ECONOMY BY THE AGRICULTURAL SECTOR VIA THE PRODUCTION OF GOODS AND SERVICES, 2001- 2004 <sup>1/</sup>

Item	2001 <sup>2/</sup>	2002 <sup>2/</sup>	2003 <sup>2/</sup>	2004
	(1,000 Dollars)			
Value of crop production	1,209,027	1,052,023	1,344,560	1,397,228
Food grains	62,963	56,776	65,220	69,715
Feed crops	348,068	346,610	353,359	416,944
Cotton	0	0	0	0
Oil crops	202,014	260,676	274,545	372,216
Tobacco	566,276	443,031	431,177	421,694
Fruits and tree nuts	4,939	5,111	5,895	6,711
Vegetables	14,000	15,000	17,000	18,000
All other crops	66,405	67,440	82,506	82,402
Home consumption	6,086	6,026	4,476	5,119
Value of inventory adjustment <sup>3/</sup>	(61,723)	(148,647)	110,383	4,427
Value of livestock production	2,290,753	2,045,526	2,194,348	2,692,812
Meat animals	594,103	486,223	612,383	726,772
Dairy products	263,736	208,560	192,022	236,640
Poultry and eggs	599,265	516,917	620,910	816,580
Miscellaneous livestock	806,452	767,574	807,875	958,512
Home consumption	3,117	2,669	6,087	8,987
Value of inventory adjustment <sup>3/</sup>	24,080	63,583	(44,929)	(54,679)
Revenues from services and forestry	746,722	965,363	900,885	1,069,133
Machine hire and customwork	16,367	28,618	29,663	37,412
Forest products sold	170,000	160,000	155,000	162,750
Other farm income	223,035	423,850	348,297	484,906
Gross imputed rental value of farm dwellings	337,320	352,895	367,925	384,065
Value of agricultural sector production	4,246,503	4,062,912	4,439,794	5,159,173
(less) Purchased inputs	1,786,742	2,166,158	2,266,969	2,595,184
Farm origin	583,970	866,892	868,286	985,639
Feed purchased	380,331	637,410	610,730	730,456
Livestock and poultry purchased	113,889	100,986	119,910	124,911
Seed purchased	89,750	128,496	137,646	130,272
Manufactured inputs	427,287	449,545	413,174	466,316
Fertilizers and lime	194,851	196,723	173,320	191,444
Pesticides	79,494	82,231	87,539	93,474
Petroleum fuel and oils	118,872	128,980	117,449	146,330
Electricity	34,070	41,611	34,866	35,068
Other purchased inputs	775,485	849,721	985,509	1,143,229
Repair and maintenance of capital items	203,405	223,024	252,646	321,651
Machine hire and customwork	25,725	29,248	34,319	41,293
Marketing, storage, and transportation expenses	118,070	115,358	129,148	144,103
Contract labor	45,828	64,160	60,156	56,761
Miscellaneous expenses	382,457	417,932	509,240	579,422
(plus) Net government transactions	208,802	45,973	47,544	42,309
Direct Government payments	293,379	138,218	148,176	147,021
Motor vehicle registration and licensing fees	11,175	12,347	13,331	13,254
Property taxes	73,402	79,898	87,301	91,458
Gross value added	2,668,563	1,942,727	2,220,368	2,606,298
(less) Capital consumption	622,080	635,116	646,024	671,658
Net value added	2,046,483	1,307,611	1,574,344	1,934,640
(less) Payments to stakeholders	785,257	794,220	912,995	851,411
Employee compensation (total hired labor)	243,390	308,331	324,215	342,014
Net rent received by nonoperator landlords	276,292	225,280	336,710	251,461
Real estate and nonreal estate interest	265,575	260,609	252,070	257,936
Net farm income	1,261,226	513,391	661,349	1,083,229

<sup>1/</sup>Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. <sup>2/</sup>Revised. <sup>3/</sup>A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales. Negative numbers are shown in parenthesis. Source: Economic Research Service/USDA.



## FARM BUSINESS BALANCE SHEET

### KENTUCKY, DECEMBER 31, 1999 - 2003 <sup>1/</sup>

	1999	2000	2001	2002	2003
Farms	91,000	90,000	88,000	87,000	87,000
	(1,000 dollars)				
Farm assets	23,446,265	25,704,030	26,734,059	28,552,752	29,843,060
Real estate	18,081,999	20,003,212	20,907,312	22,602,499	23,791,391
Livestock and poultry <sup>2/</sup>	1,332,010	1,511,900	1,559,195	1,570,704	1,559,195
Machinery and motor vehicles <sup>3/</sup>	2,174,848	2,177,896	2,209,702	2,257,454	2,314,435
Crops <sup>4/</sup>	546,082	674,510	596,004	478,550	487,251
Purchased inputs	126,313	153,613	132,172	176,715	176,550
Financial	1,185,013	1,182,899	1,329,674	1,466,829	1,514,238
Farm debt <sup>5/</sup>	3,280,350	3,432,632	3,607,172	3,784,584	3,906,624
Real estate	2,038,875	2,156,463	2,271,047	2,441,469	2,559,947
Farm Credit System	515,211	561,562	621,376	715,197	758,307
Farm Service Agency	120,269	115,492	113,600	107,942	96,653
Commercial banks	1,045,452	1,128,019	1,178,252	1,253,221	1,331,531
Life insurance companies	64,006	60,446	61,278	62,456	63,417
Individuals and others	293,936	290,944	296,541	302,652	310,039
CCC storage & drying loans	0	0	0	0	0
Nonreal estate	1,241,475	1,276,169	1,336,125	1,343,116	1,346,677
Farm Credit System	363,538	335,103	386,150	396,306	403,575
Farm Service Agency	77,523	76,078	75,564	72,324	69,306
Commercial banks	525,192	569,673	571,843	563,187	552,964
Individuals and others	275,222	295,316	302,568	311,299	320,832
Equity	20,165,915	22,271,398	23,126,887	24,768,168	25,936,437
Ratio:	(Percent)				
Debt/equity	16.3	15.4	15.6	15.3	15.1
Debt/assets	14.0	13.4	13.5	13.3	13.1

<sup>1/</sup>Revised. <sup>2/</sup>Excludes horses, mules, and broilers. <sup>3/</sup>Includes only farm share value for trucks and autos. <sup>4/</sup>All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. <sup>5/</sup>Excludes debt for nonfarm purposes. Source: Economic Research Service/USDA.

## GOVERNMENT PAYMENTS: BY PROGRAM,

### KENTUCKY, 2002 - 2004 <sup>1/</sup>

	2002	2003	2004
	(1,000 dollars)		
Production Flexibility Contracts	36,981	(1,573)	(25)
Loan Deficiency Payments	12,884	916	39,104
Conservation Programs <sup>2/</sup>	30,722	33,124	44,746
Supplemental Funding <sup>3/</sup>	55,533	115,662	62,744
Miscellaneous <sup>4/</sup>	27	(25)	(34)
Marketing Loan Gains	1,754	73	485
Other <sup>5/</sup>	(13)	(4)	0
Total Direct Payments <sup>6/</sup>	137,901	148,176	147,021

<sup>1/</sup>Amounts include cash payments made directly to farmers, not including Farmer-owned Reserve Payments as these data are not available by State. Amounts also include net value of certificates. <sup>2/</sup>Conservation programs include Agricultural Conservation Program, Agricultural Management Assistance--NRCS, Auto Agricultural Conservation--Environment Long Term, Auto Conservation Reserve--Cost Shares, Auto Environment Quality Incentives, Auto LTA Conservation--Long Term, Colorado River Basin Salinity Control--NRCS, Conservation Reserve--Annual Rental, Cost Share, Incentives, Emergency Conservation, Environment Quality Incentives--NRCS, EQIP--Ground Surface Water Conservation--NRCS, EQIP--Klamath Basin--NRCS, Farmland Protection--NRCS, Forestry Incentives--NRCS, Grasslands Reserve, Great Plains--NRCS, Soil and Water Conservation Assistance, Tree Assistance, Wetlands Reserve, Wetlands Reserve--NRCS, Wildlife Habitat Incentive--NRCS. <sup>3/</sup>Direct Payments and counter-cyclical payments are authorized by the Farm Security and Rural Investment Act of 2002 for 2002 through 2007 crops. The Act also increases the number of crops authorized to receive payments. Programs authorized by the Farm Security and Rural Investment Act of 2002. Ad Hoc and emergency programs includes all programs providing disaster and emergency assistance payments to growers. Programs include Apple Market Loss Assistance Payments, Crop Disaster, Crop Disaster Assistance 2002/2002, Crop Loss Disaster Assistance, Dairy Indemnity, Disaster Program, Florida Hurricane Citrus Disaster Assistance, Florida Hurricane Nursery Disaster Assistance, Florida Hurricane Vegetable Disaster Assistance Lamb Meat Adjustment Assistance, Livestock Compensation, Livestock Emergency Assistance, Loan Deficiency Payments for Non-contract Production Flexibility Contract Growers, Marketing Loss Assistance, Noninsured Assistance, Nursery Market Loss Assistance--Florida, Oilseed Payment, Oilseed Payment--Supplemental, Pasture Recovery, Quality Losses, Sugar Beet Disaster, Tobacco Marketing Loss Assistance, Tobacco Marketing Loss Assistance--Supplemental, Tobacco Payment, Trade Adjustment Assistance, and TRI Valley Growers. <sup>4/</sup>Include Acreage Grazing Payments, Additional Interest Payments, CCP--Fruit and Vegetable Violations, CCP--Late Filing Fees, CCP--Payment Limitation Overpayment, Cotton Deficiency, Feed Grain Deficiency, Finality Rule, Hard White Winter Wheat, Interest Payments, Payment Limitation Refund, and Wheat Deficiency Program. <sup>5/</sup>Commodity Programs in effect prior to the 1996 Farm Bill include Cotton Deficiency, Feed Grain Deficiency, Rice Deficiency, Wheat Deficiency, and National Wool Act. <sup>6/</sup>May not sum due to rounding. The negative numbers are repayments by producers of unanticipated overpayments under earlier programs. Source: Economic Research Service/USDA.

## AGRICULTURAL EXPORTS

Agricultural exports from Kentucky during Fiscal Year 2004 were valued at \$984.1 million. This was up 9 percent from the revised FY 2003 value of \$903.7 million. Unmanufactured tobacco at \$266.0 million remained the number one commodity, with soybeans and products moving to second with \$198.6 million. Live animals and meat (including horses, excluding poultry) at \$197.2 million were down 22 percent. Feed grains and products at \$113.1 million increased \$36.3 million in export value. Wheat and products continue to increase in value at \$77.7 million. Poultry and poultry products were sixth with \$61.8 million.

Value of U.S. agricultural exports totaled \$62.3 billion in FY 2004, up \$6.1 billion from FY 2003. Soybeans and products were the highest valued commodity with \$9.03 billion, followed by feed grains and products with \$8.10 billion. Exports of wheat and products were valued at \$6.62 billion. California continued to lead State agricultural exports with \$9.20 billion. Iowa was second with \$3.68 billion, ahead of Illinois with \$3.65 billion. Rounding out the top 10 States were Texas, Nebraska, Kansas, Minnesota, Arkansas, North Dakota, and Washington. Kentucky ranked 21st in all exports and eighth in live animals and meat exports. The FY 2005 forecast for U.S. agricultural exports at \$43.1 billion, was down \$19.2 billion from FY 2004.

### VALUE OF AGRICULTURAL EXPORTS KENTUCKY & UNITED STATES, FY 2001-2004 <sup>1/</sup>

COMMODITY	KENTUCKY				UNITED STATES	
	2001	2002	2003	2004	2003	2004
(Million Dollars)						
Tobacco-Unmanufactured	285.2	254.9	265.9	266.0	1,001.2	1,049.5
Soybeans & Products	111.7	123.8	127.7	198.6	8,269.8	9,034.7
Live Animals & Meat (Incl. Horses, excl. poultry)	206.4	223.0	254.2	197.2	6,475.6	4,420.3
Feed Grains & Products	96.4	101.3	76.8	113.1	6,684.3	8,104.4
Wheat & Products	64.2	73.2	75.7	77.7	5,312.4	6,621.5
Poultry & Products	52.6	53.0	48.7	61.8	2,103.7	2,512.6
Feeds & Fodders	33.2	31.3	34.1	40.6	1,998.6	2,027.8
Dairy Products	11.3	9.8	8.9	11.0	1,030.2	1,321.2
Seeds	7.7	9.7	5.6	9.6	802.9	1,005.1
Fats, Oils & Greases	0.9	0.9	1.1	2.0	539.4	574.2
Hides & Skins	1.2	1.2	1.2	1.4	1,785.4	1,766.8
Fruits & Preps.	0.5	0.7	0.4	0.7	3,549.5	3,807.8
Other	3.6	3.4	3.5	4.3	16,656.1	20,051.2
ALL COMMODITIES <sup>2/</sup>	874.7	886.2	903.7	984.1	56,208.9	62,297.3

<sup>1/</sup>Revised. <sup>2/</sup>Totals may not add due to rounding.

### U.S. AGRICULTURAL TRADE, FISCAL YEARS 2000 - 2005 <sup>1/</sup>

(Year beginning October 1 previous year)

Item	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
(Billion Dollars)						
Exports	50.7	52.7	53.3	56.0	62.3	43.1
Imports	38.9	39.0	41.0	45.7	52.7	38.6
Trade Balance	11.9	13.7	12.3	10.3	9.6	4.5

<sup>1/</sup>FY 2004 revised, FY 2005 forecast as of May 1.

# Cost of PRODUCTION

109

- Farm Production Expenses
- Cost of Production
- Prices Paid

## FARM PRODUCTION EXPENDITURES 2003 <sup>1/</sup> - 2004

EXPENDITURE - FARM SHARE	ATLANTIC REGION <sup>2/</sup>					UNITED STATES <sup>3/</sup>				
	Average per Farm <sup>4/</sup>		Total Expenditures			Average per Farm <sup>4/</sup>		Total Expenditures		
	2003	2004	2003	2004	'04 % of '03	2003	2004	2003	2004	'04 % of '03
	Dollars		Million Dollars		(%)	Dollars		Million Dollars		(%)
Total Farm Production Expenditures <sup>5/ 6/</sup>	66,667	73,372	29,570	32,060	108	94,542	99,983	200,500	210,700	105
Livestock, Poultry & Related Expenses <sup>7/</sup>	5,749	5,950	2,550	2,600	102	8,723	9,016	18,500	19,000	103
Feed	13,031	14,418	5,780	6,300	109	12,967	14,236	27,500	30,000	109
Farm Services <sup>8/</sup>	8,184	8,376	3,630	3,660	101	12,684	12,480	26,900	26,300	98
Rent <sup>9/</sup>	2,277	2,357	1,010	1,030	102	7,733	7,782	16,400	16,400	100
Agricultural Chemicals <sup>10/</sup>	1,826	1,968	810	860	106	3,961	4,034	8,400	8,500	101
Fertilizer, Lime & Soil Conditioners <sup>10/</sup>	2,457	2,678	1,090	1,170	107	4,715	5,410	10,000	11,400	114
Interest	2,728	2,517	1,210	1,100	91	4,385	4,223	9,300	8,900	96
Taxes (Real Estate & Property)	2,142	2,289	950	1,000	105	3,206	3,322	6,800	7,000	103
Labor	8,049	8,422	3,570	3,680	103	10,279	10,914	21,800	23,000	106
Fuels	2,074	2,678	920	1,170	127	3,159	3,796	6,700	8,000	119
Farm Supplies & Repairs <sup>11/</sup>	3,945	4,920	1,750	2,150	123	5,187	5,505	11,000	11,600	105
Farm Improvements & Construction <sup>12/ 13/</sup>	5,073	6,568	2,250	2,870	128	5,564	5,979	11,800	12,600	107
Tractors & Self-Propelled Farm Machinery	2,818	3,433	1,250	1,500	120	3,301	4,128	7,000	8,700	124
Other Farm Machinery	1,623	1,625	720	710	99	1,839	2,040	3,900	4,300	110
Seeds & Plants <sup>14/</sup>	2,976	2,815	1,320	1,230	93	4,432	4,508	9,400	9,500	101
Trucks & Autos	1,488	1,968	660	860	130	2,122	2,278	4,500	4,800	107

<sup>1/</sup>Revised. <sup>2/</sup>Atlantic: CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, PA, RI, TN, VA, VT, WV. <sup>3/</sup>Excludes AK and HI. <sup>4/</sup>Total expenditures divided by total number of farms. <sup>5/</sup>Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals. <sup>6/</sup>Includes landlord and contractor share of farm production expenses. <sup>7/</sup>Includes purchases and leasing of livestock and poultry. <sup>8/</sup>Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. <sup>9/</sup>Includes public and private grazing fees. <sup>10/</sup>Includes material and application costs. <sup>11/</sup>Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. <sup>12/</sup>Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. <sup>13/</sup>Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. <sup>14/</sup>Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

## CORN PRODUCTION COSTS AND RETURNS 2002 - 2003 <sup>1/ 2/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2002	2003	2002	2003	2002	2003
Dollars Per Planted Acre						
Gross value of production						
Primary product: Corn grain	310.88	317.37	326.60	329.70	172.19	225.40
Secondary product: Corn silage	1.94	2.25	1.33	1.36	15.78	30.54
Total, gross value of production	\$312.82	\$319.62	\$327.93	\$331.06	\$187.97	\$255.94
Operating costs:						
Seed	31.84	34.83	31.60	34.89	29.67	35.02
Fertilizer	35.49	43.41	37.24	45.00	37.10	45.57
Soil conditioners	0.12	0.13	0.09	0.09	0.75	0.71
Manure	2.13	2.47	1.37	1.60	2.57	3.16
Chemicals	26.11	26.20	26.22	26.50	23.48	24.74
Custom operations <sup>3/</sup>	10.79	11.17	9.69	10.09	7.79	9.68
Fuel, lube, and electricity	18.93	23.06	15.28	18.81	6.86	10.54
Repairs	13.91	14.22	12.35	12.63	10.09	10.95
Purchased irrigation water	0.22	0.22	0.00	0.00	0.00	0.00
Interest on operating capital	1.17	0.82	1.13	0.79	1.00	0.74
Total, operating costs	\$140.71	\$156.53	\$134.97	\$150.40	\$119.31	\$141.11
Allocated overhead:						
Hired labor	3.06	3.14	2.19	2.30	3.92	4.22
Opportunity cost of unpaid labor	25.74	26.53	23.03	23.79	47.54	48.46
Capital recovery of machinery and equipment	55.26	56.67	51.87	53.06	44.05	47.79
Opportunity cost of land (rental rate)	87.44	89.20	98.83	100.28	48.67	50.12
Taxes and insurance	5.42	5.54	5.07	5.19	6.07	6.20
General farm overhead	11.91	12.17	10.69	10.93	12.22	12.53
Total, allocated overhead	\$188.83	\$193.25	\$191.68	\$195.55	\$162.47	\$169.32
Total, costs listed	\$329.54	\$349.78	\$326.65	\$345.95	\$281.78	\$310.43
Value of production less total costs listed	-16.72	-30.16	1.28	-14.89	-93.81	-54.49
Value of production less operating costs	172.11	163.09	192.96	180.66	68.66	114.83
Supporting information:						
Yield (bushels per planted acre)	134	149	142	157	67	98
Price (dollars per bushel at harvest)	2.32	2.13	2.30	2.10	2.57	2.30
Enterprise size (planted acres) <sup>1/</sup>	236	236	270	270	72	72
Production practices: <sup>1/</sup>						
Irrigated (percent)	14	14	5	5	1	1
Dryland (percent)	86	86	95	95	99	99

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## SOYBEAN PRODUCTION COSTS AND RETURNS 2002 - 2003 <sup>1/ 2/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2002	2003	2002	2003	2002	2003
Dollars Per Planted Acre						
Gross value of production						
Primary product: Soybeans	210.64	233.61	225.59	237.02	157.71	242.83
Total, gross value of production	\$210.64	\$233.61	\$225.59	\$237.02	\$157.71	\$242.83
Operating costs:						
Seed	25.45	27.42	25.72	27.78	22.76	25.03
Fertilizer	6.79	7.39	6.47	6.87	12.24	13.49
Soil conditioners	0.11	0.12	0.09	0.09	0.36	0.35
Manure	0.40	0.46	0.41	0.48	0.16	0.18
Chemicals	17.12	16.92	17.29	17.40	16.52	15.79
Custom operations	6.16	6.32	5.35	5.48	6.16	6.31
Fuel, lube, and electricity	6.98	8.73	5.72	7.16	5.24	7.13
Repairs	9.76	9.77	8.62	8.73	7.85	7.86
Purchased irrigation water	0.12	0.12	0.00	0.00	0.00	0.00
Interest on operating capital	0.61	0.41	0.59	1.39	0.62	0.44
Total, operating costs	\$73.50	\$77.66	\$70.26	\$75.38	\$71.91	\$76.58
Allocated overhead:						
Hired labor	1.84	1.90	1.19	1.24	1.92	1.95
Opportunity cost of unpaid labor	15.59	16.11	14.57	15.09	16.41	16.93
Capital recovery of machinery and equipment	43.30	43.43	40.22	40.68	38.40	38.54
Opportunity cost of land (rental rate)	80.74	81.93	94.12	95.93	53.62	55.11
Taxes and insurance	5.66	5.80	5.75	5.89	3.77	3.85
General farm overhead	11.37	11.66	11.81	12.10	7.42	7.54
Total, allocated overhead	\$158.50	\$160.83	\$167.66	\$170.93	\$121.54	\$123.92
Total, costs listed	\$232.00	\$238.49	\$237.92	\$246.31	\$193.45	\$200.50
Value of production less total costs listed	-21.36	-4.88	-12.33	-9.29	-35.74	42.33
Value of production less operating costs	137.14	155.95	155.33	161.64	85.80	166.25
Supporting information:						
Yield (bushels per planted acre)	40	36	43	36	29	37
Price (dollars per bushel at harvest)	5.20	6.56	5.19	6.57	5.47	6.82
Enterprise size (planted acres) <sup>1/</sup>	268	268	280	280	171	171
Production practices: <sup>1/</sup>						
Irrigated (percent)	9	9	5	5	8	8
Dryland (percent)	91	91	95	95	92	92

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## COW - CALF PRODUCTION COSTS AND RETURNS 2002 - 2003 <sup>1/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2002	2003	2002	2003	2002	2003
Dollars Per Bred Cow						
Gross value of production:						
Steer calves	145.50	160.34	171.63	187.53	128.40	139.70
Heifer calves	90.47	99.85	115.41	126.15	102.45	111.63
Yearling steers	95.27	110.56	34.99	40.79	51.26	56.74
Yearling heifers	41.16	48.10	10.80	12.55	22.72	25.03
Other cattle	74.85	87.20	64.53	75.11	59.60	69.52
Total, gross value of production <sup>2/</sup>	\$453.37	\$512.32	\$401.63	\$446.51	\$371.40	\$409.73
Operating costs:						
Purchased cattle for backgrounding	62.08	71.99	23.32	26.60	38.98	43.52
Feed:						
Concentrates and other feed	25.15	26.40	26.80	26.86	23.64	24.27
Supplemental feed	19.67	20.65	39.80	41.96	14.48	14.58
Harvested forages	140.80	133.23	200.89	189.51	188.70	203.24
Cropland pasture	14.11	14.28	13.21	13.36	2.98	3.01
Private pasture	102.79	102.97	74.48	76.01	64.65	65.71
Public land	2.53	2.32	0.36	0.35	0.45	0.46
Total, feed costs	\$305.05	\$299.85	\$355.54	\$348.05	\$294.90	\$311.27
Other:						
Veterinary and medicine	22.52	23.10	38.48	39.47	16.25	16.58
Bedding and litter	0.43	0.44	1.34	1.37	0.63	0.64
Marketing	6.12	6.27	4.27	4.38	6.97	7.11
Custom operations	31.52	32.27	40.18	41.12	26.98	27.63
Fuel, lube, and electricity	19.08	19.10	16.16	16.16	15.65	15.66
Repairs	26.21	26.89	29.24	29.96	25.91	26.48
Interest on operating inputs	3.95	2.48	4.40	2.76	3.73	2.35
Total, operating costs	\$476.96	\$482.39	\$512.93	\$509.87	\$430.00	\$451.24
Allocated overhead:						
Hired labor	3.66	3.83	0.61	0.64	3.31	3.55
Opportunity cost of unpaid labor	254.04	257.95	219.85	230.47	166.37	169.89
Capital recovery of machinery and equipment <sup>3/</sup>	142.23	142.38	280.58	281.21	195.21	195.22
Opportunity cost of land	2.45	2.47	5.55	5.72	2.29	2.37
Taxes and insurance	33.67	34.27	44.22	44.94	32.65	33.24
General farm overhead	61.72	63.15	84.08	85.88	55.21	56.13
Total, allocated overhead	\$497.77	\$504.05	\$634.89	\$648.86	\$455.04	\$460.40
Total, costs listed	\$974.73	\$986.44	\$1,147.82	\$1,158.73	\$885.04	\$911.64
Value of production less total costs listed	-521.36	-474.12	-746.19	-712.22	-513.64	-501.91
Value of production less operating costs	-23.59	29.93	-111.30	-63.36	-58.60	-41.51
Supporting information:						
Bred cows (head) <sup>1/</sup>	83	83	51	51	50	50
Calves weaned (head) <sup>1/</sup>	71	71	45	45	38	38
Calving season (percent of ranches) <sup>1/</sup>						
One	49	49	65	65	19	19
Two	13	13	9	9	23	23
None set	38	38	26	26	58	58
Cost of homegrown harvested forages (percent of total cost) <sup>1/ 4/</sup>	84	84	94	94	87	87
Cost of pasture owned:						
Private pasture (percent of total cost) <sup>1/ 5/</sup>	72	72	72	72	87	87
Cropland pasture (percent of total cost) <sup>1/ 5/</sup>	80	80	76	76	96	96

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## HOG PRODUCTION COSTS AND RETURNS 2002 - 2003 <sup>1/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2002	2003	2002	2003	2002	2003
Dollars Per Cwt. Gain <sup>2/</sup>						
Gross value of production						
Market hogs	32.50	36.20	32.90	36.29	26.04	29.21
Feeder pigs	11.24	12.36	9.10	10.16	16.19	16.17
Cull stock	0.89	1.07	0.84	0.99	1.85	2.54
Breeding stock	0.66	0.81	0.36	0.44	3.22	4.50
Inventory change	0.42	0.78	-0.07	0.00	-2.37	0.04
Other income <sup>3/</sup>	1.32	1.52	1.48	1.72	1.06	1.27
Total, gross value of production	\$47.03	\$52.74	\$44.61	\$49.60	\$45.99	\$53.73
Operating costs:						
Feed						
Grain	6.23	5.88	8.08	7.65	5.63	5.74
Protein sources	4.68	4.90	6.40	6.64	2.57	3.09
Complete mixes	10.43	11.09	7.96	8.27	12.30	12.73
Other feed items <sup>4/</sup>	0.18	0.18	0.22	0.22	0.87	1.08
Total, feed costs	\$21.52	\$22.05	\$22.66	\$22.78	\$21.37	\$22.64
Other						
Feeder pigs	12.99	14.38	11.37	12.61	7.62	7.70
Veterinary and medicine	1.08	1.10	1.19	1.21	1.22	1.18
Bedding and litter	0.03	0.03	0.04	0.04	0.03	0.04
Marketing	1.04	1.07	0.64	0.66	1.57	1.63
Custom services	0.41	0.42	0.32	0.33	0.15	0.16
Fuel, lube, and electricity	1.17	1.45	1.27	1.58	1.69	2.02
Repairs	0.79	0.79	0.91	0.91	1.07	1.10
Other operating costs <sup>5/</sup>	0.04	0.04	0.03	0.04	0.08	0.08
Interest on operating capital	0.33	0.22	0.32	0.21	0.29	0.19
Total, operating costs	\$39.40	\$41.55	\$38.75	\$40.37	\$35.09	\$36.74
Allocated overhead:						
Hired labor	2.55	2.70	2.61	2.80	2.78	3.03
Opportunity cost of unpaid labor	4.91	4.92	5.70	5.72	10.00	10.70
Capital recovery of machinery and equipment <sup>6/</sup>	10.53	10.69	10.86	10.99	12.95	13.41
Opportunity cost of land (rental rate)	0.05	0.05	0.05	0.05	0.09	0.09
Taxes and insurance	0.45	0.45	0.49	0.49	0.78	0.72
General farm overhead	0.99	1.00	1.03	1.05	1.14	1.19
Total, allocated overhead	\$19.48	\$19.81	\$20.74	\$21.10	\$27.74	\$29.14
Total, costs listed	\$58.88	\$61.36	\$59.49	\$61.47	\$62.83	\$65.88
Value of production less total costs listed	-11.85	-8.62	-14.88	-11.87	-16.84	-12.15
Value of production less operating costs	7.63	11.19	5.86	9.23	10.90	16.99
Supporting information:						
Production arrangement (% of production)						
Independent	57	57	71	70	42	48
Under contract	43	43	29	30	58	52
Size of operation (head sold/removed)						
Market hogs	2,126	2,202	1,852	1,924	1,015	954
Feeder pigs	1,545	1,609	1,045	1,112	1,725	1,594

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# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 2003 – 2005

Commodity and Unit	2003	2004	2005
(Dollars)			
<b>FEED:</b>			
Poultry Feed, per ton <u>1/</u>			
Broiler Grower	234.00	278.00	237.00
Chick Starter	241.00	299.00	268.00
Laying Feed	232.00	249.00	226.00
Turkey Grower	279.00	315.00	315.00
Dairy Feed, per ton			
14% protein <u>1/</u>	183.00	200.00	220.00
16% protein <u>1/</u>	200.00	218.00	197.00
18% protein <u>1/</u>	207.00	229.00	206.00
20% protein <u>1/</u>	201.00	233.00	206.00
32-38% protein conc., per ton	311.00	381.00	331.00
Hog Feed, per ton, 14 - 18% protein <u>1/ 2/</u>	223.00	256.00	219.00
Hog Concentrate, per ton, 38 - 42% protein	322.00	415.00	398.00
Beef Cattle Concentrate, per ton, 32 - 36% protein	290.00	342.00	316.00
Alfalfa Meal, per cwt.	15.00	14.90	15.40
Alfalfa Pellets, per cwt.	15.30	15.20	15.20
Bran, per cwt.	13.70	14.80	15.00
Corn Meal, per cwt.	9.90	9.84	9.57
Soybean Meal, per cwt., 44% protein	14.50	19.60	16.10
Cottonseed Meal, per cwt., 41% protein	16.60	18.40	17.20
Molasses, per cwt. (liquid)	13.30	14.20	14.80
Stock Salt, per 50 lbs.	4.30	4.53	4.78
Trace Mineral Blocks, per 50 lbs.	5.40	5.53	5.52
<b>FUEL:</b>			
Gasoline, per gal, including taxes			
Service Station (unleaded)	1.611	1.750	2.205
Bulk Delivery (unleaded)	1.601	1.760	2.225
Diesel Fuel, per gal., Bulk Delivery <u>3/</u>	1.238	1.310	1.968
L.P. Gas (propane, butane, etc.), per gal., Bulk Delivery <u>4/</u>	1.213	1.210	1.466
<b>FIELD SEEDS:</b>			
Corn, Hybrid, Biotech, per 80,000 kernels <u>5/</u>	115.00	122.00	131.00
Corn, Hybrid, Non-Biotech, per 80,000 kernels	90.90	91.10	93.40
Grain Sorghum, per cwt.	100.00	105.00	114.00
Soybean, Biotech, per bu. <u>5/</u>	28.80	30.50	34.60
Soybean, Non-Biotech, per bu.	19.60	17.40	19.10
Wheat, Winter, per bu.	8.01	8.26	9.06

1/Complete ration feed, fed without mixing or supplementation. 2/Excluding pig starter. 3/Excludes State road taxes and federal excise tax. 4/Excludes federal excise tax. 5/Biotech varieties are made to be resistant to herbicides, insects, or both.



# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 2003 – 2005

Commodity and Unit	2003	2004	2005
	(Dollars)		
<b>FARM MACHINERY:</b>			
Baler, Square, Pick-Up, Automatic tie, PTO			
Conventional size bales under 200 lb.	17,300.00	17,400.00	18,200.00
Round, 1200-1500 lb. bale	18,300.00	19,500.00	20,300.00
Round, 1900-2200 lb. bale	25,600.00	27,000.00	28,200.00
Combine, self-propelled with grain head,			
Extra-Large Capacity	196,000.00	218,000.00	232,000.00
Large capacity	159,000.00	180,000.00	192,000.00
Corn Head for Combine,			
6 row	25,900.00	27,400.00	28,900.00
8 row	33,900.00	35,900.00	37,700.00
Disk Harrow, tandem, drawn with hydraulic lift,			
transport wheels, tires			
15-17 ft.	15,200.00	14,300.00	15,700.00
18-20 ft.	19,300.00	19,400.00	21,600.00
Feed Grinder-Mixer, trailer mounted, PTO	15,600.00	16,800.00	18,900.00
Field Cultivator, mounted or drawn,			
17-19 ft.	11,600.00	12,400.00	14,400.00
20-25 ft., flexible	15,900.00	17,500.00	19,600.00
Forage Harvester, PTO, shear bar type, Class II or III			
With pick-up attachment	31,600.00	32,700.00	33,400.00
With row crop unit, 2-row	35,900.00	35,000.00	35,400.00
Forage Harvester, self propelled, shear bar type			
4-6 row crop	232,000.00	242,000.00	257,000.00
Front-End Loader, hydraulic, tractor mounted			
1800-2500 lb. capacity, 60 in. bucket	5,000.00	5,150.00	5,450.00
Grain Drill, most common spacing			
Plain, 15-17 openers	14,000.00	14,500.00	16,800.00
With fertilizer attachment, 20-24 openers	18,600.00	19,800.00	19,000.00
Min/no-till, w/fert. attach., 15 ft.	27,600.00	29,400.00	30,500.00
Hayrake, Side Delivery or Wheel Rake			
Traction Drive, 8-12 ft. working width	5,200.00	5,380.00	5,940.00
Hay Tedder, 15-18 ft.	4,900.00	5,130.00	5,380.00
Manure Spreader, conveyor type, PTO, 2-wheel, tires			
141-190 bushel capacity	6,760.00	7,210.00	7,790.00
225-300 bushel capacity	10,100.00	10,900.00	11,900.00
Mower-Conditioner, PTO, pull type, with			
8-10 ft. sickle (cutter) bar or disc	14,400.00	14,800.00	15,900.00
Mower, mounted or drawn,			
7-8 ft. sickle (cutter) bar	4,980.00	5,040.00	5,320.00
13-14 ft. sickle (cutter) bar	14,000.00	15,400.00	16,300.00

# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 2003 – 2005

Commodity and Unit	2003	2004	2005
	(Dollars)		
<b>FARM MACHINERY (Cont.):</b>			
Planter, row crop, with fertilizer attachment			
4 row	15,200.00	16,100.00	16,900.00
8 row	30,000.00	32,000.00	31,400.00
24 row	95,700.00	102,000.00	108,000.00
12 row, conservation for no-till conditions	52,400.00	53,100.00	57,900.00
Rotary Cutter, 7-8 ft.	3,130.00	3,480.00	3,470.00
Sprayer, Field Crop, power, boom type, (excl. self-propelled and orchard)			
Tractor Mounted, w/300 gal. spray tank	5,890.00	5,850.00	7,320.00
Trailer Type, w/500-700 gal. spray tank	13,100.00	13,300.00	15,100.00
Tractor, 2-Wheel Drive			
30 – 39 PTO horsepower	16,000.00	16,100.00	16,700.00
50 – 59 PTO horsepower	21,300.00	21,500.00	23,400.00
70 – 89 PTO horsepower	33,600.00	33,900.00	36,800.00
110 - 129 PTO horsepower	63,800.00	65,700.00	68,500.00
140 - 159 PTO horsepower	84,100.00	86,900.00	91,900.00
190 - 220 PTO horsepower	116,000.00	121,000.00	126,000.00
Wagon, Gravity Unload, running gear, tires, w/box, w/o side extensions 200-400 bu. cap.	4,200.00	4,570.00	5,350.00
Wagon, Running Gear, w/o box, 8-10 ton cap.	1,720.00	1,810.00	2,060.00
<b>FERTILIZERS:</b>			
Commercial Fertilizer, per ton			
0-18-36	188.00	208.00	258.00
0-20-20	200.00	220.00	248.00
5-10-15	179.00	186.00	233.00
5-20-20	191.00	207.00	247.00
6-12-12	169.00	209.00	223.00
6-24-24	227.00	248.00	287.00
10-10-10	186.00	202.00	235.00
13-13-13	212.00	229.00	265.00
15-15-15	235.00	257.00	288.00
18-46-0 (DAP)	250.00	276.00	303.00
19-19-19	237.00	256.00	304.00
Ammonium Nitrate, per ton	243.00	263.00	292.00
Anhydrous Ammonia, per ton	373.00	379.00	416.00
Limestone, Spread, per ton	19.40	21.10	20.70
Muriate of Potash, 60-62% K <sub>2</sub> O, per ton	165.00	181.00	245.00
Nitrate of Soda	278.00	308.00	323.00
Nitrogen Solutions, per ton			
28% N	166.00	179.00	218.00
32% N	184.00	197.00	243.00
Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> , per ton	243.00	266.00	299.00
Urea 44-46%, per ton	261.00	276.00	332.00

# PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES APRIL 2003 – 2005

Commodity and Unit	2003	2004	2005
(Dollars)			
<b>FUNGICIDES:</b>			
Captan, 50% WP, per lb.	3.50	3.52	3.65
Mancozeb (Dithane M-45, 80% WP or Manzate, 75% DF), per lb.	3.00	3.03	3.00
Sulfur 95% WP, per lb.	0.32	0.34	0.37
<b>HERBICIDES:</b>			
2, 4-D, 4#/Gal EC, per gal.	15.20	15.20	15.90
Alachlor (Lasso), 4#/Gal EC, per gal.	24.50	24.50	25.70
Atrazine (AAtrex), 4#/Gal L, per gal.	12.30	12.20	12.40
Bentazon (Basagran), 4#/Gal EC, per gal.	83.70	84.20	85.20
Cyanazine (Bladex), 4#/Gal EC, per gal.	32.90	32.90	31.30
Glyphosate (Roundup), 4#/Gal EC, per gal.	43.30	39.70	33.80
Metolachlor (Dual), 8#/Gal EC, per gal.	104.00	106.00	108.00
Metribuzin (Lexone or Sencor), 75% DF, per lb.	20.80	21.70	22.80
Paraquat (Gramoxone Extra), 2.5#/Gal EC, per lb.	40.70	42.40	43.80
Trifluralin (Treflan), 4#/Gal EC, per gal.	24.40	23.10	21.60
<b>INSECTICIDES:</b>			
Carbaryl, (Sevin), 80% S, SP, or WP, per lb.	5.50	5.85	5.85
Carbofuran (Furadan), 4F, per gal.	79.30	80.60	85.40
Chlorpyrifos (Lorsban), 4#/Gal EC, per gal.	41.30	41.30	38.70
Cyfluthrin (Baythroid), 2#/Gal EC, per gal.	388.00	362.00	379.00
Imidacloprid (Admire, Provado), 1.6-2#/Gal EC, per gal.	573.00	578.00	577.00
Malathion, 5#/Gal EC, per gal.	28.50	29.60	30.00
Synthetic Pyrethroids, (Pounce, Ambush) 2-3.2 #/Gal EC, per gal.	133.00	130.00	124.00
Zeta-Cypermethrin (Fury), 1.5 #/Gal EC, per gal.	202.00	204.00	215.00

<sup>1</sup>/Formulation abbreviations: EC - Emulsifiable Concentrate, DF - Dry Flowable, DG - Dry Granular, G - Granular, L - Liquid, S - Solution, SP - Soluble Powder, and WP - Wettable Powder.

- Fertilizer Sales
- Usual Planting & Harvesting Dates
- Bees and Honey
- County Rankings

# MISCELLANEOUS

## KENTUCKY FERTILIZER SALES, 2003 - 2004 <sup>1/</sup>

GRADE	2003				2004				04 as % of 03
	Bag	Bulk	Liquid	Total	Bag	Bulk	Liquid	Total	
			(Tons)				(Tons)		
3-18-18	7	19	534	560	155	12	662	830	148
5-3-0	-	-	-	-	34	954	0	988	-
5-10-5	-	-	-	-	1,006	0	3	1,009	-
5-10-15	4,473	1,122	0	5,595	3,450	840	0	4,290	77
5-15-15	47	0	512	559	-	-	-	-	-
5-20-20	1,129	534	0	1,662	1,252	566	0	1,818	109
6-24-6	1,486	293	215	1,993	11	2	769	782	39
6-24-24	771	48	0	819	824	61	0	886	108
6-26-26	0	635	0	635	-	-	-	-	-
7-24-4	-	-	-	-	253	7	5,109	5,370	-
8-24-3	20	591	3,675	4,286	-	-	-	-	-
9-18-9	0	36	1,467	1,503	1	0	530	531	35
9-18-27	1,004	1,398	0	2,402	1,133	1,333	131	2,596	108
9-23-30	30	3,724	0	3,755	23	3,783	0	3,806	101
10-10-10	10,753	430	124	11,307	10,727	410	18	11,156	99
10-20-20	3,743	16	8	3,767	3,790	37	0	3,827	102
12-12-12	1,426	41	0	1,467	1,386	20	0	1,406	96
12-24-24	260	579	0	839	214	380	0	594	71
14-14-14	1,051	0	0	1,051	-	-	-	-	-
15-0-14	898	59	0	957	907	94	0	1,001	105
15-15-15	1,428	393	68	1,889	1,443	508	0	1,951	103
16-27-14	827	0	0	827	1,012	0	0	1,012	122
17-17-17	42	2,103	0	2,145	19	1,771	0	1,790	83
19-3-5	522	0	0	522	-	-	-	-	-
19-19-19	13,473	13,615	643	27,732	11,637	11,014	41	22,691	82
20-10-10	589	85	0	673	-	-	-	-	-
20-13-20	9	891	0	900	5	148	610	763	85
22-20-0	779	10	0	789	-	-	-	-	-
27-13-13	145	984	0	1,128	110	620	82	812	72
28-3-3	1,889	0	0	1,889	1,665	0	0	1,665	88
28-3-10	-	-	-	-	617	0	0	617	-
30-3-4	763	0	0	763	617	0	0	617	81
30-3-6	-	-	-	-	1,040	0	0	1,040	-
30-10-10	89	722	0	811	158	577	0	735	91
82-0-0 (Anh Amm)	0	101	60,089	60,190	0	1,667	67,307	68,974	115
34-0-0 (Amm Nit)	19,355	60,672	0	80,027	18,265	50,606	0	68,871	86
21-0-0 (Amm Sul)	166	612	14	792	201	872	0	1,704	215
28-0-0 (N Soln)	0	52	40,440	40,491	0	0	42,081	42,081	104
30-0-0 (N Soln)	0	0	13,229	13,229	0	0	10,285	10,285	78
32-0-0 (N Soln)	0	2,358	68,835	71,194	0	0	77,021	77,021	108
16-0-0 (Sod Nit)	560	50	0	610	604	50	0	654	107
46-0-0 (Urea)	3,576	100,042	4	103,622	2,898	95,019	2	97,919	94
18-46-0 (DAP)	3,600	162,508	0	166,109	1,925	163,807	0	165,732	100
11-52-0 (MAP)	0	12,650	0	12,650	84	15,631	0	15,715	124
10-34-0	75	387	5,327	5,789	0	137	5,660	5,797	100
0-23-30	0	1,098	0	1,098	0	867	0	867	79
0-46-0 (TSP)	211	9,571	0	9,782	154	6,677	0	6,831	70
0-0-60 (MP)	2,529	171,397	0	173,926	787	184,096	550	185,433	107
0-0-62 (MP)	387	1,425	0	1,812	166	1,299	0	1,465	81
0-0-22 (SPM)	42	1,005	0	1,047	67	888	0	955	91
0-0-50 (Sul Pot)	492	24,947	5	25,444	322	35,715	0	36,036	142
0.5-0.5-0.5	5,635	40	0	5,675	5,297	0	0	5,297	93
0.14-0.14-0.1	1,365	0	0	1,365	2,631	0	0	2,631	193
Miscellaneous <sup>2/</sup>	5,186	16,697	115	21,999	6,074	22,319	520	28,912	131
Under 500 Tons	15,983	13,126	1,138	30,247	16,445	12,038	1,883	30,367	100
Other <sup>3/</sup>	4,969	63	7,454	12,486	11,351	2,568	6,532	20,451	164
TOTAL <sup>4/</sup>	111,786	607,130	203,896	922,811	110,762	617,393	219,797	947,952	103

<sup>1/</sup>Data collected by Division of Regulatory Services, University of Kentucky. Fertilizer sales are based on tonnage reports from manufacturers. (-)Included in Under 500 Tons. <sup>2/</sup>Includes minor nutrients, filler when reported separately & other fertilizers of unspecified composition. <sup>3/</sup>Over 500 tons but less than 3 shippers. <sup>4/</sup>Excludes lime. Totals may not add due to rounding.

## USUAL PLANTING AND HARVESTING DATES

CROPS	USUAL PLANTING DATES	USUAL HARVESTING DATES			PRINCIPAL PRODUCING DIST. OR COUNTIES
		Begin	Most Active	End	
Corn <u>1</u> /	Apr. 5 - June 8	Aug. 25	9/7 - 10/8	Nov. 15	Statewide
Soybeans	Apr. 24 - July 2	Sept. 20	10/5 - 11/9	Nov. 20	Districts 1, 2, 3
Tobacco <u>2</u> /					
Burley - Type 31	May 1 - June 25	Aug. 8	8/17 - 9/16	Oct. 5	Statewide
Dark Fired - Type 22	May 1 - June 25	Aug. 10	8/18 - 9/18	Oct. 5	Christian, Todd, Trigg
Dark Fired - Type 23	May 1 - June 25	Aug. 10	8/18 - 9/18	Oct. 5	Calloway, Graves
One Sucker - Type 35	May 1 - June 25	Aug. 10	8/18 - 9/18	Oct. 5	Logan, Graves, Simpson, Todd
Green River - Type 36	May 1 - June 25	Aug. 10	8/18 - 9/18	Oct. 5	Daviess, McLean, Webster, Henderson
Winter Wheat	Sept. 29 - Nov. 16	June 4	6/15 - 6/28	July 14	Districts 1, 2, 3
Barley	Sept. 25 - Oct. 20	June 1	6/5 - 6/15	June 25	District 2
Sorghum Grain	May 10 - July 1	Sept. 25	10/10 - 11/10	Nov. 15	District 2
Alfalfa Hay		May 5	5/15 - 9/1	Sept. 15	Districts 3, 5
All Other Hay		May 15	6/1 - 9/1	Oct. 10	Districts 2, 3, 4, 5, 6
Apples		June 25	9/1 - 10/15	Oct. 30	Christian, Daviess, Graves, Greenup, Hardin, Harlan, Harrison, Laurel, Lincoln, Lyon, Pulaski, Scott, Trimble, Warren, Woodford
Peaches		July 1	7/10 - 8/20	Aug. 30	Breckinridge, Butler Christian, Daviess, Graves, Trimble, Warren

1/Dates refer to corn Harvested for Grain. 2/Planting dates refer to tobacco set in the field.

## BEES AND HONEY

Honey production from producers with five or more colonies in Kentucky during 2004 totaled 280,000 pounds, up 17 percent from 2003. Producers harvested honey from 5,000 colonies in 2004, unchanged from a year earlier. Each colony produced an average of 56 pounds of honey during 2004, compared to 48 pounds in 2003. Prices for the 2004 honey crop averaged \$1.96 per pound, up 29 cents from the 2003 average of \$1.67. Prices are based on retail sales by producers and sales to private processors and co-ops. Kentucky producers had 34,000 pounds of honey for sale on December 15, 2004, compared with 14,000 pounds on hand the previous year.

United States honey production in 2004 from producers with five or more colonies totaled 184 million pounds, up 1 percent from 2003. There were 2.56 million colonies producing honey in 2004, down 2 percent from 2003. Yield per colony averaged 71.8 pounds, up 3 percent from the 69.9 pounds in 2003. Producer honey stocks were 61.2 million pounds on December 15, 2004, up 50 percent from a year earlier. Stocks held by producers exclude stocks held under the commodity loan program. Honey prices decreased during 2004 to 108.5 cents, down 22 percent from 138.7 cents in 2003.

### KENTUCKY NUMBER OF COLONIES, PRODUCTION, STOCKS AND VALUE 1986 - 2004 <sup>1/</sup>

Year	Number of Colonies	Yield per Colony	Production	Stocks Dec. 15	Avg. Price Per Pound	Value of Production
	(1,000)	(Pounds)	(1,000 Pounds)	(1,000 Pounds)	(Cents)	(1,000 Dollars)
1986	15	15	225	86	98.0	221
1987	14	25	350	147	96.0	336
1988	12	40	480	202	106.0	509
1989	12	29	348	132	108.0	376
1990	8	44	352	127	92.0	324
1991	7	25	175	88	96.0	168
1992	4	30	120	54	74.0	89
1993	4	60	240	89	84.0	202
1994	3	54	162	57	98.0	159
1995	3	44	132	30	102.0	135
1996	3	60	180	23	127.0	229
1997	3	60	180	54	148.0	266
1998	3	50	150	51	140.0	210
1999	3	50	150	12	124.0	186
2000	4	48	192	54	135.0	259
2001	4	78	312	125	141.0	440
2002	5	54	270	78	163.0	440
2003 <sup>2/</sup>	5	48	240	14	167.0	401
<b>2004</b>	<b>5</b>	<b>56</b>	<b>280</b>	<b>34</b>	<b>196.0</b>	<b>549</b>

<sup>1/</sup>Estimates are for beekeepers with 5 or more hives. <sup>2/</sup>Revised.

# KENTUCKY LAND AND WATER ACRES BY COUNTY

District and County	Land Acres	Water Acres	Total Acres	District and County	Land Acres	Water Acres	Total Acres
Ballard	162,515	12,672	175,187	Anderson	130,605	166	130,771
Calloway	247,014	15,937	262,951	Bath	177,555	4,199	181,754
Carlisle	122,112	5,242	127,354	Bourbon	186,567	0	186,567
Fulton	135,264	12,224	147,488	Boyle	116,538	448	116,986
Graves	356,224	134	356,358	Clark	163,309	45	163,354
Hickman	156,871	5,055	161,926	Fayette	182,240	512	182,752
Livingston	199,372	19,713	219,085	Fleming	224,493	128	224,621
Lyon	133,863	30,399	164,262	Franklin	135,731	0	135,731
McCracken	160,454	11,200	171,654	Garrard	148,704	1,024	149,728
Marshall	194,541	23,231	217,772	Harrison	198,253	0	198,253
Trigg	269,658	38,336	307,994	Jessamine	111,558	0	111,558
<b>DISTRICT 1</b>	<b>2,137,888</b>	<b>174,143</b>	<b>2,312,031</b>	Lincoln	215,482	0	215,482
Caldwell	222,259	563	222,822	Madison	283,341	365	283,706
Christian	462,201	1,216	463,417	Mason	154,227	3,456	157,683
Crittenden	230,208	7,360	237,568	Mercer	159,885	2,176	162,061
Daviess	296,000	9,024	305,024	Montgomery	127,168	58	127,226
Hancock	120,940	7,284	128,224	Nicholas	125,837	154	125,991
Henderson	280,307	18,048	298,355	Robertson	64,231	0	64,231
Hopkins	353,433	1,409	354,842	Scott	182,727	0	182,727
Logan	355,827	666	356,493	Shelby	246,322	449	246,771
McLean	164,045	0	164,045	Spencer	122,675	0	122,675
Muhlenberg	305,894	890	306,784	Washington	192,582	148	192,730
Ohio	381,382	192	381,574	Woodford	122,887	0	122,887
Simpson	151,252	63	151,315	<b>DISTRICT 5</b>	<b>3,772,917</b>	<b>13,328</b>	<b>3,786,245</b>
Todd	241,280	96	241,376	Bell	230,912	345	231,257
Union	218,343	13,836	232,179	Boyd	102,662	1,024	103,686
Webster	215,161	96	215,257	Breathitt	316,896	0	316,896
<b>DISTRICT 2</b>	<b>3,998,532</b>	<b>60,743</b>	<b>4,059,275</b>	Carter	260,410	3,392	263,802
Adair	260,698	3,276	263,974	Clay	301,370	0	301,370
Allen	216,211	8,449	224,660	Elliott	149,895	748	150,643
Barren	308,499	11,584	320,083	Estill	163,616	0	163,616
Breckinridge	361,459	13,414	374,873	Floyd	251,494	1,728	253,222
Bullitt	192,301	0	192,301	Greenup	222,081	4,799	226,880
Butler	276,019	122	276,141	Harlan	299,610	0	299,610
Casey	284,979	128	285,107	Jackson	221,562	249	221,811
Clinton	125,568	6,048	131,616	Johnson	168,916	0	168,916
Cumberland	194,822	4,070	198,892	Knott	225,280	711	225,991
Edmonson	193,139	3,905	197,044	Knox	248,083	45	248,128
Grayson	315,609	11,521	327,130	Laurel	277,850	6,074	283,924
Green	184,761	0	184,761	Lawrence	268,806	0	268,806
Hardin	402,708	575	403,283	Lee	135,181	0	135,181
Hart	263,967	3,457	267,424	Leslie	257,043	1,728	258,771
Jefferson	246,912	7,744	254,656	Letcher	216,992	0	216,992
Larue	168,621	95	168,716	Lewis	309,620	7,423	317,043
Marion	221,952	0	221,952	McCreary	273,030	2,682	275,712
Meade	196,128	11,424	207,552	Magoffin	198,093	0	198,093
Metcalfe	186,311	0	186,311	Martin	147,501	0	147,501
Monroe	212,083	761	212,844	Menifee	130,092	1,652	131,744
Nelson	271,072	281	271,353	Morgan	244,544	998	245,542
Russell	159,879	21,106	180,985	Owsley	126,944	0	126,944
Taylor	172,985	4,225	177,210	Perry	217,958	1,152	219,110
Warren	350,419	77	350,496	Pike	502,182	2,624	504,806
<b>DISTRICT 3</b>	<b>5,767,102</b>	<b>112,262</b>	<b>5,879,364</b>	Powell	115,271	0	115,271
Boone	157,280	6,848	164,128	Pulaski	422,547	10,963	433,510
Bracken	129,856	3,968	133,824	Rockcastle	203,315	275	203,590
Campbell	97,012	5,055	102,067	Rowan	180,556	2,753	183,309
Carroll	82,988	4,928	87,916	Wayne	285,498	24,230	309,728
Gallatin	63,527	3,456	66,983	Whitley	283,732	1,151	284,883
Grant	165,971	832	166,803	Wolfe	142,656	0	142,656
Henry	186,131	141	186,272	<b>DISTRICT 6</b>	<b>8,102,198</b>	<b>76,746</b>	<b>8,178,944</b>
Kenton	104,409	1,152	105,561				
Oldham	121,664	4,096	125,760	<b>KENTUCKY</b>	<b>25,388,314</b>	<b>473,733</b>	<b>25,862,047</b>
Owen	226,272	403	226,675				
Pendleton	179,572	576	180,148				
Trimble	94,995	5,056	100,051				
<b>DISTRICT 4</b>	<b>1,609,677</b>	<b>36,511</b>	<b>1,646,188</b>				

Source: Census Bureau U. S. Department of Commerce.

## COUNTY RANKINGS: KENTUCKY'S LEADING AGRICULTURAL COUNTIES

Item	1	2	3	4	5	6	7	8	9	10
<b>2004 Farm Cash Receipts:</b>										
Total	Woodford	Fayette	Graves	Bourbon	Webster	Hickman	Christian	McLean	Logan	Daviess
Crops	Christian	Logan	Daviess	Graves	Henderson	Union	Todd	Calloway	Simpson	McLean
Livestock	Woodford	Fayette	Graves	Bourbon	Webster	Hickman	Muhlenberg	McLean	Jessamine	Ohio
<b>2004 Crop Production:</b>										
Corn for Grain	Union	Christian	Henderson	Logan	Daviess	Graves	Todd	Hickman	McLean	Simpson
Soybeans	Henderson	Daviess	Union	Graves	Christian	Logan	McLean	Fulton	Hickman	Todd
Winter Wheat	Christian	Logan	Todd	Simpson	Graves	Calloway	Hickman	Warren	Union	Fulton
Burley Tobacco	Shelby	Barren	Bourbon	Madison	Scott	Woodford	Fayette	Harrison	Mason	Hart
Dark-Air Tobacco	Logan	Graves	Daviess	Simpson	Todd	McLean	Webster	Henderson	Hopkins	Ohio
Dark-Fire Tobacco	Calloway	Graves	Christian	Todd	Trigg	Logan	Muhlenberg	Lyon	Caldwell	Carlisle
Alfalfa Hay	Fleming	Hart	Lincoln	Mason	Barren	Shelby	Mercer	Nelson	Hardin	Bourbon
Other Hay	Barren	Pulaski	Madison	Warren	Adair	Bourbon	Monroe	Breckinridge	Allen	Grayson
Sorghum	Hopkins	Henderson	Webster	Union	Daviess	McCracken	McLean	Muhlenberg	-	-
Barley	Simpson	Logan	Todd	-	-	-	-	-	-	-
<b>Livestock &amp; Dairy</b>										
Cattle & Calves, Jan. 1, 2005	Barren	Warren	Pulaski	Madison	Bourbon	Allen	Monroe	Lincoln	Adair	Clark
Beef Cows, Jan. 1, 2005	Barren	Pulaski	Warren	Madison	Bourbon	Breckinridge	Monroe	Allen	Hart	Lincoln
Milk Cows, Jan. 1, 2005 <sup>1/</sup>	Barren	Adair	Fleming	Metcalfe	Lincoln	Marion	Monroe	Nelson	Warren	Pulaski
Milk Prod., 2004	Barren	Adair	Fleming	Logan	Marion	Christian	Warren	Metcalfe	Todd	Nelson
<b>2002 Farms</b>	Barren	Pulaski	Warren	Hardin	Graves	Grayson	Shelby	Breckinridge	Nelson	Madison
<b>2002 Cropland</b>	Christian	Graves	Daviess	Logan	Union	Warren	Barren	Henderson	Hardin	Breckinridge

<sup>1/</sup>Monroe, Nelson and Warren tied for 7th.



- **Farm Numbers**
- **Crop Production**
- **Livestock Inventory**
- **Cash Receipts**

The following section highlights each county in Kentucky. Crops produced, livestock inventories, milk production, and agricultural cash receipts are displayed with the appropriate rank among all counties. Data published here are available elsewhere in this bulletin, but this should aid data users interested in certain

counties. Also, included for each county are 1997 and 2002 agricultural census data for number of farms, land in farms and harvested cropland acres.

Below is a table with data for the entire State, including Kentucky's ranking nationwide. On succeeding pages each county is listed alphabetically.

[illegible]

1/ Type 22 – KY. Ranked #2, Type 23 – Ky. Ranked #1.

CENSUS	FARMS	ACRES IN FARMS	HARVESTED CROPLAND	
1997	91,198	13,940,180	4,853,500	
2002	86,541	13,843,706	4,978,994	

2004 CROPS	ACRES HARV.	YIELD	PRODUCTION	RANK	LIVESTOCK & MILK	NUMBER	RANK
CORN FOR GRAIN, BU	1,140,000	152.0	173,280,000	13	JAN 1, 05 ALL CATTLE & CALVES	2,250,000	13
SOYBEANS, BU	1,300,000	44.0	57,200,000	14	JAN 1, 05 BEEF COWS	1,090,000	8
W. WHEAT FOR GRAIN, BU	380,000	54.0	20,520,000	19	DEC 1, 04 ALL HOGS & PIGS	350,000	19
GRAIN SORGHUM, BU	13,000	80.0	1,040,000	16	04 MILK PRODUCTION, (000) LBS	1,423,000	24
BURLEY TOBACCO, LBS	106,000	1,950	206,700,000	1			
DARK FIRED TOBACCO, LBS	5,300	3,394	17,990,000	1/			
DARK AIR TOBACCO, LBS	3,650	2,825	10,313,000	1			
ALFALFA HAY, TONS	240,000	3.70	888,000	27			
ALL OTHER HAY, TONS	2,100,000	2.40	5,040,000	3			
BARLEY FOR GRAIN, BU	8,000	77.0	616,000	20			

	CASH RECEIPTS	DOLLARS	RANK
		(000)	
2004 CROPS		1,387,683	24
2004 LIVESTOCK		2,738,502	16
2004 TOTAL		4,126,185	23

## Crops, Livestock, and Cash Receipts for Kentucky Counties

<a href="#">p124.pdf</a>	ADAIR	ALLEN	ANDERSON	BALLARD
<a href="#">p125.pdf</a>	BARREN	BATH	BELL	BOONE
<a href="#">p126.pdf</a>	BOURBON	BOYD	BOYLE	BRACKEN
<a href="#">p127.pdf</a>	BREATHITT	BRECKINRIDGE	BULLITT	BUTLER
<a href="#">p128.pdf</a>	CALDWELL	CALLOWAY	CAMPBELL	CARLISLE
<a href="#">p129.pdf</a>	CARROLL	CARTER	CASEY	CHRISTIAN
<a href="#">p130.pdf</a>	CLARK	CLAY	CLINTON	CRITTENDEN
<a href="#">p131.pdf</a>	CUMBERLAND	DAVIESS	EDMONSON	ELLIOTT
<a href="#">p132.pdf</a>	ESTILL	FAYETTE	FLEMING	FLOYD
<a href="#">p133.pdf</a>	FRANKLIN	FULTON	GALLATIN	GARRARD
<a href="#">p134.pdf</a>	GRANT	GRAVES	GRAYSON	GREEN
<a href="#">p135.pdf</a>	GREENUP	HANCOCK	HARDIN	HARLAN
<a href="#">p136.pdf</a>	HARRISON	HART	HENDERSON	HENRY
<a href="#">p137.pdf</a>	HICKMAN	HOPKINS	JACKSON	JEFFERSON
<a href="#">p138.pdf</a>	JESSAMINE	JOHNSON	KENTON	KNOTT
<a href="#">p139.pdf</a>	KNOX	LARUE	LAUREL	LAWRENCE
<a href="#">p140.pdf</a>	LEE	LESLIE	LETCHER	LEWIS
<a href="#">p141.pdf</a>	LINCOLN	LIVINGSTON	LOGAN	LYON
<a href="#">p142.pdf</a>	MCCRACKEN	MCCREARY	MCLEAN	MADISON
<a href="#">p143.pdf</a>	MAGOFFIN	MARION	MARSHALL	MARTIN
<a href="#">p144.pdf</a>	MASON	MEADE	MENIFEE	MERCER
<a href="#">p145.pdf</a>	METCALFE	MONROE	MONTGOMERY	MORGAN
<a href="#">p146.pdf</a>	MUHLENBERG	NELSON	NICHOLAS	OHIO
<a href="#">p147.pdf</a>	OLDHAM	OWEN	OWSLEY	PENDLETON
<a href="#">p148.pdf</a>	PERRY	PIKE	POWELL	PULASKI
<a href="#">p149.pdf</a>	ROBERTSON	ROCKCASTLE	ROWAN	RUSSELL

<a href="#">p150.pdf</a>	SCOTT	SHELBY	SIMPSON	SPENCER
<a href="#">p151.pdf</a>	TAYLOR	TODD	TRIGG	TRIMBLE
<a href="#">p152.pdf</a>	UNION	WARREN	WASHINGTON	WAYNE
<a href="#">p153.pdf</a>	WEBSTER	WHITLEY	WOLFE	WOODFORD

State

<a href="#">Adair</a>	<a href="#">Breathitt</a>	<a href="#">Clark</a>	<a href="#">Franklin</a>	<a href="#">Harrison</a>	<a href="#">Knox</a>	<a href="#">McCracken</a>	<a href="#">Metcalf</a>	<a href="#">Perry</a>	<a href="#">Taylor</a>
<a href="#">Allen</a>	<a href="#">Breckinridge</a>	<a href="#">Clay</a>	<a href="#">Fulton</a>	<a href="#">Hart</a>	<a href="#">LaRue</a>	<a href="#">McCreary</a>	<a href="#">Monroe</a>	<a href="#">Pike</a>	<a href="#">Todd</a>
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<a href="#">Bourbon</a>	<a href="#">Carroll</a>	<a href="#">Estill</a>	<a href="#">Greenup</a>	<a href="#">Jessamine</a>	<a href="#">Lincoln</a>	<a href="#">Mason</a>	<a href="#">Oldham</a>	<a href="#">Scott</a>	<a href="#">Webster</a>
<a href="#">Boyd</a>	<a href="#">Carter</a>	<a href="#">Fayette</a>	<a href="#">Hancock</a>	<a href="#">Johnson</a>	<a href="#">Livingston</a>	<a href="#">Meade</a>	<a href="#">Owen</a>	<a href="#">Shelby</a>	<a href="#">Whitley</a>
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<a href="#">Bracken</a>	<a href="#">Christian</a>	<a href="#">Floyd</a>	<a href="#">Harlan</a>	<a href="#">Knott</a>	<a href="#">Lyon</a>	<a href="#">Mercer</a>	<a href="#">Pendleton</a>	<a href="#">Spencer</a>	<a href="#">Woodford</a>

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BARREN	Glasgow	Gary Tilghman	270-651-3818	E. Jeff Houchins	270-678-1081
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BELL	Pineville	Stacy White	606-337-2376	Tommy Smith	606-546-3373
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BOYD	Catlettsburg	Lyndall Harned	606-739-5184	Carla D. Whitaker	606-474-5183
BOYLE	Danville	Jerry Little	859-236-4484	Woodie Leavell	859-236-4062
BRACKEN	Brooksville	David Appelman	606-735-2141	John Scott	606-735-3107
BREATHITT	Jackson	Lowell Hamilton	606-666-8812	Claudia Turner	606-666-5105
BRECKINRIDGE	Hardinsburg	Carol Hinton	270-756-2182	Kenneth Thornhill	270-756-5263
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BUTLER	Morgantown	Greg Drake	270-526-3767	Tim Taylor	270-526-3765
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CALLOWAY	Murray	Todd Powell	270-753-1452	David Riley, Jr.	270-753-1781
CAMPBELL	Highland Heights	Don Sorrell	859-572-2600	Kim Kinman	859-586-6175
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CARROLL	Carrollton	Tim Hendrick	502-732-7030	Michael Benton	502-732-6931
CARTER	Grayson	Myron Evans	606-474-6686	Carla D. Whitaker	606-474-5183
CASEY	Liberty	Steven Heightchew	606-787-7384	Barry Turpen	606-787-6581
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CLARK	Winchester	Frank Hicks	859-744-4682	Rita Barlow	859-745-2828
CLAY	Manchester	Jeff Casada	606-598-2789	Tommy Smith	606-546-3373
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CUMBERLAND	Burkesville	Greg Tompkins	270-864-2681	Russell Means	270-864-3385
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EDMONSON	Brownsville	David Embrey	270-597-3628	Donald Dunn	270-843-1111
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FLEMING	Flemingsburg	C. Michael Jackson	606-845-4641	Regina Rose	606-845-4841
FLOYD	Prestonsburg	Ray Tackett	606-886-2668	Kathi Sparks	606-789-3766
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GARRARD	Lancaster	Mike Carter	859-792-3026	Woodie Leavell	859-792-2661
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GREENUP	Greenup	Linda Sexton	606-473-9881	John Feters	606-473-7017
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HARRISON	Cynthiana	Gary Carter	859-234-5510	Philip B. Sims	859-234-2646
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HENDERSON	Henderson	Michael Smith	270-826-8387	Joyce Logsdon	270-826-3450
HENRY	New Castle	Steve Moore	502-845-2811	Dennis Campbell	502-845-2820
HICKMAN	Clinton	Darian Irvan	270-653-2231	Lilly Kimbell	270-653-2721
HOPKINS	Madisonville	George Kelley	270-821-3650	Debra Gale Rudd	270-821-4430
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JEFFERSON	Louisville	Vacant	502-569-2344	Jeanie M. Williams	502-538-2221
JESSAMINE	Nicholasville	Robert Amburgey	859-885-4811	Mitchell Dunn	859-887-2461
JOHNSON	Paintsville	Brian Jeffers	606-789-8108	Kathi Sparks	606-789-3766
KENTON	Covington	Benjamin Hale	859-356-3155	Kim Kinman	859-586-6175
KNOTT	Hindman	Keith Hackworth	606-785-5329	Rosalind Sharon Boggs	606-436-5688

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LAUREL	London	Glenn Williams	606-864-4167	Victor Williams	606-864-2172
LAWRENCE	Louisa	John Sparks	606-638-9495	Carla D. Whitaker	606-474-5183
LEE	Beattyville	Todd Holbrook	606-464-2759	David B. Kash	606-464-2658
LESLIE	Hyden	W. Ray Wilson	606-672-2154	Rosalind Sharon Boggs	606-436-5688
LETCHER	Whitesburg	Shad Baker	606-633-2362	Rosalind Sharon Boggs	606-436-5688
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MCCREARY	Whitley City	Greg Whitis	606-376-2524	Janice P. Sweet	606-549-1220
MCLEAN	Calhoun	Greg Henson	270-273-3690	Larry Kirkland	270-273-3922
MADISON	Richmond	John Wilson	859-623-4072	Oliver Duncan	859-624-1980
MAGOFFIN	Salyersville	Russell Sparks	606-349-3216	Donna Elam	606-743-3410
MARION	Lebanon	Edward Lanham	270-692-2421	Charles Pat Spalding	270-692-3341
MARSHALL	Benton	Lincoln Martin	270-527-3285	David Gilland	270-527-3231
MARTIN	Inez	Roger Mollette	606-298-7742	Kathi Sparks	606-789-3766
MASON	Maysville	William Peterson	606-564-6808	Mary Lloyd Allison	606-759-5763
MADE	Brandenburg	Andy Mills	270-422-4958	Ken Thornhill	270-422-3188
MENIFEE	Frenchburg	David Cooper	606-768-3866	Daniel B. Razor III	859-498-5487
MERCER	Harrodsburg	Tony Shirley	859-734-4378	Carolyn Morris	859-734-4326
METCALFE	Edmonton	Brandon Bell	270-432-3561	Debbie Wakefield	270-432-3191
MONROE	Tompkinsville	James Lyons	270-487-5504	Dawn Ovesen	270-487-6528
MONTGOMERY	Mt. Sterling	Ron Catchen	859-498-8741	Daniel B. Razor III	859-498-5487
MORGAN	West Liberty	Christopher Lindon	606-743-3292	Donna Elam	606-743-3410
MUHLENBERG	Greenville	Vacant	270-338-3124	J. Tim Taylor	270-338-3741
NELSON	Bardstown	Ron Bowman	502-348-9204	Bob Friel	502-348-8664
NICHOLAS	Carlisle	Mike Phillips	859-289-2312	Curtis Cole	859-987-1295
OHIO	Hartford	Greg Comer	270-298-7441	Larry Clayton	270-298-3643
OLDHAM	LaGrange	Traci Missun	502-222-9453	Dennis Campbell	502-845-2820
OWEN	Owenton	Kim Strohmeier	502-484-5703	Leonard Kearns	502-484-3979
OWSLEY	Booneville	Paul Sizemore	606-593-5109	David B. Kash	606-464-2658
PENDLETON	Falmouth	Val Shields	859-654-3395	Janelle Gardner	859-654-3374
PERRY	Hazard	Charles May	606-436-2044	Rosalind Sharon Boggs	606-436-5688
PIKE	Pikeville	Kendall Combs	606-432-2534	Kathi Sparks	606-789-3766
POWELL	Stanton	Mike Reed	606-663-6404	Claudia Turner	606-668-3111
PULASKI	Somerset	Richard Whitis	606-679-6361	Lewis Colyer	606-678-4842
ROBERTSON	Mt. Olivet	Matthew Campbell	606-724-5796	Mary Lloyd Allison	606-759-5763
ROCKCASTLE	Mt. Vernon	Tom Mills	606-256-2403	Warden Alexander	606-256-2525
ROWAN	Morehead	Robert Marsh	606-784-5457	Barry Allen	606-784-5759
RUSSELL	Russell Springs	Raymond Thompson	270-866-4477	Bruce Roberts	270-343-3254
SCOTT	Georgetown	Mark Reese	502-863-0984	Rita Jones	502-863-2439
SHELBY	Shelbyville	Brittany Edelson	502-633-4593	Woodson L. Staton	502-633-3294
SIMPSON	Franklin	Jason Phillips	270-586-4484	David Burch	270-586-4732
SPENCER	Taylorsville	Bryce Roberts	502-477-2217	Jeanie M. Williams	502-538-2221
TAYLOR	Campbellsville	Patrick Hardesty	270-465-4511	David Claycomb	270-465-4651
TODD	Elkton	Curtis Judy	270-265-5659	William S. Jones	270-265-5630
TRIGG	Cadiz	David Fourqurean	270-522-3269	Steven G. Mallory	270-522-8111
TRIMBLE	Bedford	Mike Pyles	502-255-7188	Michael Benton	502-732-6931
UNION	Morganfield	Rankin Powell	270-389-1400	Susan Girten	270-389-2393
WARREN	Bowling Green	Joanna Coles	270-842-1681	Donald Dunn	270-843-1111
WASHINGTON	Springfield	Rick Greenwell	859-336-7741	Rebecca Carrico	859-336-7774
WAYNE	Monticello	Glen Roberts	606-348-8453	Richard Crouch	606-348-9383
WEBSTER	Dixon	Vicki Shadrack	270-639-9011	Victor Brown	270-639-5073
WHITLEY	Williamsburg	Phillip Meeks	606-549-1430	Janice Sweet	606-549-1220
WOLFE	Campton	Ted Johnson	606-668-3712	Claudia Turner	606-668-3111
WOODFORD	Versailles	Mike Duckworth	859-873-4601	Ronnie Pelfrey	859-873-3411



## STATISTICAL REPORTS PROGRAM

In addition to this Annual Bulletin the USDA, NASS, Kentucky Field Office publishes timely estimates on crop and livestock production, prices and various other special reports. A list of the more important reports and the approximate date of release is shown in the table below. Many of these reports are combined and republished in the twice-monthly Kentucky AGRI-NEWS, which is provided free of charge on the Internet at the following address: [www.nass.usda.gov/ky/](http://www.nass.usda.gov/ky/).

There is a minimal charge for the printed version of the AGRI-NEWS and Crop & Weather for non-survey respondents. Current survey respondents may receive these reports without charge. These printed reports may be obtained from:

**USDA, NASS, Kentucky Field Office**  
**P. O. Box 1120**  
**Louisville, Kentucky 40201-1120**  
**(502) 582-5293**  
**1-800-928-5277**

TYPE OF REPORT	FREQUENCY OF REPORT	APPROXIMATE DATE AVAILABLE
<b>I. CROP REPORTS</b> 1. Intentions to Plant 2. Production 3. Grain Stocks 4. Annual Crop Summary 5. Crop Values 6. Winter Wheat Seedings	Annually Monthly Quarterly Annually Annually Annually	March 31 8th - 12th Jan 12; Mar 31; Jun 30; Sep 30 January 12 February 15 January 12
<b>II. LIVESTOCK REPORTS</b> 1. Cattle Inventory & Calf Crop 2. Hog Inventory & Pig Crop  3. Sheep & Goat Inventory 4. Livestock Slaughter 5. Meat Animals - Farm Production, Disposition & Income	Semi-Annually Quarterly  Semi-Annually Monthly Annually	Jan 28 - U.S. & KY, Jul 22 - U.S. Only Mar 24, June 24, Sep 30 - Top 17 States & U.S.; Dec 28 - U.S. & KY Jan 28 - U.S. & KY, Jul 22 - U.S. Only 19th - 25th April 28
<b>III. DAIRY REPORTS</b> 1. Cows Milked & Milk Production 2. Milk Production & Disposition	Monthly Annually	15th - 18th April 28
<b>IV. POULTRY REPORTS</b> 1. Poultry Inventory, Dec. 1 2. Eggs, Chickens & Hatchery 3. Broiler Hatchery	Annually Monthly Weekly	February 24 21st - 24th U.S. Only Wednesday, 3:00 p.m.
<b>V. PRICE REPORTS</b> 1. Prices Received by Farmers 2. Prices Paid by Farmers	Monthly Quarterly	28th - 31st 29th - 31st Jan, Apr, Jul, Oct
<b>VI. MISCELLANEOUS REPORTS</b> 1. Farm Numbers & Land in Farms 2. Farm Land Values, Rent 3. Farm Labor & Wage Rates	Annually Annually Quarterly	January 31 August 5 18th - 20th Feb, May, Aug, Nov U.S. & Regional
<b>VII. CROP &amp; WEATHER</b> (April - November)	Weekly	Mondays, 4:00 P.M.
<b>VIII. COUNTY ESTIMATES</b> 1. Major Commodities 2. Cash Receipts 3. KASS Info (Download from Internet)	Annually Annually Annually	February - May August September

# USDA, NASS, KENTUCKY FIELD OFFICE

## (ORDER FORM)

Kentucky Agri-News, Crop & Weather Reports, KASSINFO Program, Kentucky Agricultural Statistics Annual Bulletin and County Estimates are available free of charge on the Internet. For access connect to the Internet and select: <http://www.nass.usda.gov/ky/>. The KASSINFO Program contains Kentucky County data for 15 years that can be viewed by commodity or by county (Available by September 1<sup>st</sup> on the internet).

The Kentucky Agri-News and Crop & Weather Reports are available on a subscription basis. To subscribe, check the desired reports below, send this page and a check or money order payable to USDA-NASS to:



### TO SUBSCRIBE MAIL TO:

USDA, NASS, Kentucky Field Office  
P.O. Box 1120  
Louisville, KY 40201-1120

902 ☐ \$15.00

**KENTUCKY AGRI-NEWS** – This twice-monthly four page report is a summary of statistical reports on crop acreage and production, inventory numbers, egg and milk production and monthly price information, etc.

930 ☐ \$20.00

**CROP & WEATHER REPORTS** – Weekly summary published April through November providing Kentucky's crop progress and condition, weather data, soil moisture and other timely information.

All reports are free to those who provide data used for summarization. If you are a Kentucky agricultural producer who participates in our Survey Program, check the desired reports and mail to the complimentary copy address below.

This office publishes this "Kentucky Agricultural Statistics" and county estimates for crops and livestock annually. To receive a complimentary copy, check the desired reports and return a copy of this page to the address at the right.



### FOR COMPLIMENTARY COPY MAIL TO:

USDA, NASS, Kentucky Field Office  
P.O. Box 1120  
Louisville, KY 40201-1120

950 ☐ **KENTUCKY AGRICULTURAL STATISTICS** - Annual bulletin containing all major statistics for the year at the State and county level (Available about October 1).

951 ☐ **CROP COUNTY ESTIMATES** (Annually).

952 ☐ **LIVESTOCK COUNTY ESTIMATES** (Annually).

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### ORDERED BY:

COMPANY OR INDIVIDUAL NAME: \_\_\_\_\_

ADDITIONAL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

PHONE AND FAX NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

# AGRICULTURE RELATED INTERNET WEB SITES

## KENTUCKY

### AG RELATED STATE AGENCIES:

Kentucky Department of Agriculture	<a href="http://www.kyagr.com">http://www.kyagr.com</a>
USDA, NASS Kentucky Field Office	<a href="http://www.nass.usda.gov/ky">http://www.nass.usda.gov/ky</a>
Kentucky Fair & Exposition Center	<a href="http://www.kyfairexpo.org">http://www.kyfairexpo.org</a>

### COMMODITY GROUPS:

Kentucky Cattlemen's Association	<a href="http://www.kycattle.org">http://www.kycattle.org</a>
Kentucky Corn Growers Association	<a href="http://www.kycorn.org">http://www.kycorn.org</a>
Kentucky Soybean Association	<a href="http://www.kysoy.org">http://www.kysoy.org</a>

### OTHER GROUPS:

Kentucky Farm Bureau Federation	<a href="http://www.kyfb.com">http://www.kyfb.com</a>
University of Kentucky College of Agriculture	<a href="http://www.ca.uky.edu">http://www.ca.uky.edu</a>
University of Kentucky Ag Weather Center	<a href="http://www.wagwx.ca.uky.edu">http://www.wagwx.ca.uky.edu</a>
Kentucky FFA	<a href="http://www.kyffa.org">http://www.kyffa.org</a>

## NATIONAL

### FEDERAL AGENCIES:

United States Department of Agriculture	<a href="http://www.usda.gov">http://www.usda.gov</a>
Farm Service Agency	<a href="http://www.fsa.usda.gov">http://www.fsa.usda.gov</a>
Natural Resources Conservation Service	<a href="http://www.nrcs.usda.gov">http://www.nrcs.usda.gov</a>
National Agricultural Statistics Service	<a href="http://www.usda.gov/nass">http://www.usda.gov/nass</a>
Economic Research Service	<a href="http://www.ers.usda.gov">http://www.ers.usda.gov</a>
National Agricultural Library	<a href="http://www.nalusda.gov">http://www.nalusda.gov</a>
Joint Agricultural Weather Facility	<a href="http://www.usda.gov/oce/waob/jawf">http://www.usda.gov/oce/waob/jawf</a>

### COMMODITY GROUPS:

National Corn Growers Association	<a href="http://www.ncga.com">http://www.ncga.com</a>
American Soybean Association	<a href="http://www.soygrowers.com">http://www.soygrowers.com</a>
Burley Tobacco Growers Coop	<a href="http://www.burleytobacco.com">http://www.burleytobacco.com</a>
National Cattlemen's Beef Association	<a href="http://www.beef.org">http://www.beef.org</a>
National Pork Producers Council	<a href="http://www.nppc.org">http://www.nppc.org</a>

### OTHER GROUPS:

National FFA Organization	<a href="http://www.ffa.org">http://www.ffa.org</a>
Farm Safety 4 Just Kids	<a href="http://www.fs4jk.org">http://www.fs4jk.org</a>
University of Minnesota Farm Safety Resources	<a href="http://www.bae.umn.edu/">http://www.bae.umn.edu/</a>
National Education Center for Agricultural Safety	<a href="http://www.nsc.org/necas.htm">http://www.nsc.org/necas.htm</a>
Stratsoy	<a href="http://www.stratsoy.uiuc.edu">http://www.stratsoy.uiuc.edu</a>